Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071922\
Data File : BM035867.D
Acq On : 19 Jul 2022 16:50
Operator : CG/JU
Sample : N3214-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

Quant Time: Jul 19 17:51:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 18 17:08:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.892	152	358930	20.000	ng		0.00
21) Naphthalene-d8	10.698	136	1503275	20.000	ng		-0.01
39) Acenaphthene-d10	14.533	164	909003	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	1796319	20.000	ng		0.00
76) Chrysene-d12	21.450	240	1423201	20.000	ng		0.00
86) Perylene-d12	23.827	264	1251794	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	2506073	108.243	ng		0.00
7) Phenol-d6	7.063	99	3361008	115.444	ng		0.00
23) Nitrobenzene-d5	9.063	82	2367852	84.244	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	1198806	117.903	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	5408287	84.099	ng		0.00
79) Terphenyl-d14	19.897	244	6728427	91.984	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	33430	3.493	ng	#	92
3) Pyridine	3.728	79	83186	3.271	ng		88
4) n-Nitrosodimethylamine	3.640	42	38644	3.636	ng	#	72
6) Aniline	7.222	93	131626	4.117	ng		95
8) 2-Chlorophenol	7.457	128	87035	3.638	ng		98
9) Benzaldehyde	7.034	77	82146m	5.022	ng		
10) Phenol	7.087	94	107177	3.655	ng		94
11) bis(2-Chloroethyl)ether	7.322	93	87433	3.696	ng		95
12) 1,3-Dichlorobenzene	7.781	146	95126	3.565	ng		98
13) 1,4-Dichlorobenzene	7.928	146	99407	3.659	ng		99
14) 1,2-Dichlorobenzene	8.245	146	94297	3.588	ng		98
15) Benzyl Alcohol	8.139	79	65340	3.406	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.433	45	117786	3.824	ng		94
17) 2-Methylphenol	8.339	107	66625	3.500	ng		96
18) Hexachloroethane	8.975	117	33875	3.466	ng		92
19) n-Nitroso-di-n-propyla...	8.704	70	63707	3.774	ng		89
20) 3+4-Methylphenols	8.669	107	86527	3.363	ng		96
22) Acetophenone	8.722	105	131204	3.532	ng	#	94
24) Nitrobenzene	9.104	77	106943	4.051	ng		98
25) Isophorone	9.628	82	169176	3.848	ng		98
26) 2-Nitrophenol	9.816	139	32835	2.761	ng		95
27) 2,4-Dimethylphenol	9.875	122	74586	3.976	ng		98
28) bis(2-Chloroethoxy)met...	10.116	93	111795	3.653	ng		99
29) 2,4-Dichlorophenol	10.345	162	65897	3.168	ng		99
30) 1,2,4-Trichlorobenzene	10.563	180	83376	3.474	ng		98
31) Naphthalene	10.751	128	286023	3.745	ng		98
32) Benzoic acid	9.933	122	23914	1.686	ng		86
33) 4-Chloroaniline	10.863	127	113996	3.731	ng		95
34) Hexachlorobutadiene	11.033	225	47644	3.458	ng		97
35) Caprolactam	11.622	113	19738	3.103	ng		88
36) 4-Chloro-3-methylphenol	11.986	107	71838	3.368	ng		97
37) 2-Methylnaphthalene	12.363	142	185375	3.731	ng		98
38) 1-Methylnaphthalene	12.580	142	180328	3.729	ng		98
40) 1,2,4,5-Tetrachloroben...	12.727	216	89866	3.460	ng		99
41) Hexachlorocyclopentadiene	12.704	237	49271	3.520	ng		99
43) 2,4,6-Trichlorophenol	12.968	196	48882	2.848	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071922\
Data File : BM035867.D
Acq On : 19 Jul 2022 16:50
Operator : CG/JU
Sample : N3214-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

Quant Time: Jul 19 17:51:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 18 17:08:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	53563	2.959	ng	98
46) 1,1'-Biphenyl	13.368	154	255214	3.691	ng	98
47) 2-Chloronaphthalene	13.410	162	186177	3.503	ng	98
48) 2-Nitroaniline	13.616	65	41522	2.835	ng	98
49) Acenaphthylene	14.251	152	301497	3.684	ng	100
50) Dimethylphthalate	13.992	163	210787	3.523	ng	100
51) 2,6-Dinitrotoluene	14.110	165	40868	3.266	ng	97
52) Acenaphthene	14.592	154	177184	3.614	ng	100
53) 3-Nitroaniline	14.439	138	45820	3.042	ng	92
54) 2,4-Dinitrophenol	14.639	184	11627	1.886	ng	96
55) Dibenzofuran	14.927	168	285309	3.632	ng	96
56) 4-Nitrophenol	14.733	139	31504	2.666	ng	94
57) 2,4-Dinitrotoluene	14.892	165	45015	2.749	ng	91
58) Fluorene	15.574	166	218922	3.550	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	43490	2.989	ng	97
60) Diethylphthalate	15.357	149	207547	3.501	ng	98
61) 4-Chlorophenyl-phenyle...	15.574	204	106013	3.533	ng	95
62) 4-Nitroaniline	15.592	138	41186	2.670	ng	95
63) Azobenzene	15.862	77	202952	3.334	ng	94
65) 4,6-Dinitro-2-methylph...	15.645	198	17584	1.949	ng	89
66) n-Nitrosodiphenylamine	15.786	169	182051	3.451	ng	99
67) 4-Bromophenyl-phenylether	16.468	248	60359	3.343	ng	92
68) Hexachlorobenzene	16.568	284	74123	3.536	ng	99
69) Atrazine	16.733	200	51551	3.719	ng	96
70) Pentachlorophenol	16.915	266	29187	2.509	ng	96
71) Phenanthrene	17.309	178	341636	3.615	ng	100
72) Anthracene	17.404	178	321935	3.505	ng	98
73) Carbazole	17.674	167	297977	3.198	ng	99
74) Di-n-butylphthalate	18.245	149	286400	3.019	ng	98
75) Fluoranthene	19.321	202	334434	3.256	ng	98
77) Benzidine	19.515	184	127643	5.108	ng	99
78) Pyrene	19.686	202	352029	3.783	ng	98
80) Butylbenzylphthalate	20.592	149	88158	2.654	ng	98
81) Benzo(a)anthracene	21.433	228	312978	3.474	ng	98
82) 3,3'-Dichlorobenzidine	21.368	252	89865	4.258	ng	99
83) Chrysene	21.486	228	295306	3.435	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	123601	2.640	ng	99
85) Di-n-octyl phthalate	22.297	149	175400	2.361	ng	100
87) Indeno(1,2,3-cd)pyrene	26.291	276	271134	2.964	ng	98
88) Benzo(b)fluoranthene	23.097	252	265819m	3.567	ng	
89) Benzo(k)fluoranthene	23.150	252	282333	3.661	ng	99
90) Benzo(a)pyrene	23.715	252	248933	3.925	ng	99
91) Dibenzo(a,h)anthracene	26.315	278	241356	3.176	ng	97
92) Benzo(g,h,i)perylene	27.050	276	243315	3.246	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071922\
Data File : BM035867.D
Acq On : 19 Jul 2022 16:50
Operator : CG/JU
Sample : N3214-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 19 17:51:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 18 17:08:15 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022