Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM-2022\BM-JUL-22\BM071922\
Data File : BM035865.D
Acq On : 19 Jul 2022 14:18
Operator : CG/JU
Sample : N3214-02
Misc : LOQ-SOIL 5ppm
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 19 14:51:05 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 :
LOQ-SOIL-02-QT2-2022

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	279906	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1146317	20.000	ng		0.00
39) Acenaphthene-d10	14.533	164	661468	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	1249804	20.000	ng		0.00
76) Chrysene-d12	21.445	240	1052457	20.000	ng		0.00
86) Perylene-d12	23.821	264	1000414	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1965289	108.850	ng		0.00
7) Phenol-d6	7.057	99	2464827	108.564	ng		0.00
23) Nitrobenzene-d5	9.063	82	1650920	77.027	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	821629	111.048	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	3630483	77.581	ng		0.00
79) Terphenyl-d14	19.898	244	4511442	83.402	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	37386	5.010	ng		95
3) Pyridine	3.728	79	95220	4.801	ng		89
4) n-Nitrosodimethylamine	3.640	42	42213	5.093	ng	#	66
6) Aniline	7.222	93	144226	5.785	ng		95
8) 2-Chlorophenol	7.457	128	95921	5.141	ng		97
9) Benzaldehyde	7.034	77	84353m	6.613	ng		
10) Phenol	7.087	94	118840	5.197	ng		89
11) bis(2-Chloroethyl)ether	7.322	93	95550	5.179	ng		98
12) 1,3-Dichlorobenzene	7.781	146	106243	5.105	ng		97
13) 1,4-Dichlorobenzene	7.934	146	110596	5.220	ng		98
14) 1,2-Dichlorobenzene	8.245	146	106376	5.191	ng		97
15) Benzyl Alcohol	8.140	79	72166	4.824	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.428	45	127322	5.301	ng		95
17) 2-Methylphenol	8.339	107	72280	4.869	ng		96
18) Hexachloroethane	8.981	117	38846	5.096	ng		93
19) n-Nitroso-di-n-propyla...	8.704	70	67705	5.144	ng		92
20) 3+4-Methylphenols	8.669	107	95982	4.784	ng		96
22) Acetophenone	8.722	105	143296	5.058	ng	#	93
24) Nitrobenzene	9.104	77	113156	5.621	ng		96
25) Isophorone	9.628	82	181929	5.426	ng		98
26) 2-Nitrophenol	9.816	139	36307	4.004	ng		97
27) 2,4-Dimethylphenol	9.875	122	80326	5.615	ng		97
28) bis(2-Chloroethoxy)met...	10.116	93	118452	5.076	ng		99
29) 2,4-Dichlorophenol	10.345	162	71888	4.533	ng		98
30) 1,2,4-Trichlorobenzene	10.563	180	91374	4.992	ng		96
31) Naphthalene	10.751	128	308702	5.300	ng		100
32) Benzoic acid	9.934	122	25437	2.351	ng		91
33) 4-Chloroaniline	10.863	127	119882	5.145	ng		96
34) Hexachlorobutadiene	11.039	225	51501	4.903	ng		98
35) Caprolactam	11.622	113	19576	4.036	ng		97
36) 4-Chloro-3-methylphenol	11.986	107	75893	4.667	ng		99
37) 2-Methylnaphthalene	12.363	142	196679	5.191	ng		98
38) 1-Methylnaphthalene	12.580	142	190831	5.174	ng		99
40) 1,2,4,5-Tetrachloroben...	12.727	216	92994	4.921	ng		98
41) Hexachlorocyclopentadiene	12.704	237	54643	5.365	ng		97
43) 2,4,6-Trichlorophenol	12.969	196	52785	4.226	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	58036	4.406	ng	96
46) 1,1'-Biphenyl	13.369	154	264057	5.248	ng	98
47) 2-Chloronaphthalene	13.410	162	195770	5.062	ng	99
48) 2-Nitroaniline	13.616	65	43786	4.109	ng	99
49) Acenaphthylene	14.257	152	309543	5.198	ng	98
50) Dimethylphthalate	13.992	163	212333	4.877	ng	98
51) 2,6-Dinitrotoluene	14.110	165	40462	4.444	ng	95
52) Acenaphthene	14.592	154	181457	5.087	ng	98
53) 3-Nitroaniline	14.433	138	46740	4.264	ng	97
54) 2,4-Dinitrophenol	14.639	184	11982	2.671	ng	92
55) Dibenzofuran	14.927	168	293332	5.132	ng	96
56) 4-Nitrophenol	14.739	139	32757	3.809	ng	89
57) 2,4-Dinitrotoluene	14.892	165	47722	4.005	ng	97
58) Fluorene	15.574	166	220192	4.907	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	44264	4.181	ng	97
60) Diethylphthalate	15.351	149	206489	4.786	ng	98
61) 4-Chlorophenyl-phenyle...	15.574	204	109129	4.998	ng	96
62) 4-Nitroaniline	15.592	138	42643	3.799	ng	93
63) Azobenzene	15.868	77	204426	4.615	ng	94
65) 4,6-Dinitro-2-methylph...	15.645	198	17588	2.802	ng	86
66) n-Nitrosodiphenylamine	15.786	169	180381	4.915	ng	98
67) 4-Bromophenyl-phenylether	16.468	248	60947	4.851	ng	94
68) Hexachlorobenzene	16.568	284	73773	5.058	ng	96
69) Atrazine	16.733	200	51374	5.327	ng	98
70) Pentachlorophenol	16.915	266	29678	3.667	ng	96
71) Phenanthrene	17.309	178	340662	5.181	ng	99
72) Anthracene	17.404	178	321862	5.036	ng	99
73) Carbazole	17.674	167	296957	4.581	ng	98
74) Di-n-butylphthalate	18.245	149	275640	4.176	ng	100
75) Fluoranthene	19.327	202	336247	4.705	ng	98
77) Benzidine	19.515	184	125144	6.773	ng	99
78) Pyrene	19.686	202	351040	5.101	ng	99
80) Butylbenzylphthalate	20.592	149	89866	3.658	ng	96
81) Benzo(a)anthracene	21.433	228	328364	4.929	ng	98
82) 3,3'-Dichlorobenzidine	21.368	252	96977	6.214	ng	98
83) Chrysene	21.480	228	317611	4.996	ng	98
84) Bis(2-ethylhexyl)phtha...	21.374	149	129384	3.737	ng	99
85) Di-n-octyl phthalate	22.292	149	191806	3.492	ng	99
87) Indeno(1,2,3-cd)pyrene	26.285	276	324607	4.441	ng	98
88) Benzo(b)fluoranthene	23.097	252	308551	5.181	ng	99
89) Benzo(k)fluoranthene	23.144	252	307691	4.993	ng	99
90) Benzo(a)pyrene	23.715	252	284573	5.614	ng	96
91) Dibenzo(a,h)anthracene	26.315	278	290053	4.775	ng	97
92) Benzo(g,h,i)perylene	27.050	276	288671	4.819	ng	99

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

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