Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009506.D
Acq On : 23 Mar 2022 14:27
Operator : CG/JU
Sample : N1645-09
Misc : MDL-MDL-WATER 8ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

Quant Time: Mar 23 14:58:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 23 13:46:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	367410	20.000	ng		0.00
21) Naphthalene-d8	10.587	136	1356509	20.000	ng		0.00
39) Acenaphthene-d10	14.434	164	839692	20.000	ng		-0.01
64) Phenanthrene-d10	17.198	188	1775282	20.000	ng		0.00
76) Chrysene-d12	21.316	240	1959885	20.000	ng		0.00
86) Perylene-d12	23.722	264	2157668	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	2520982	119.797	ng		-0.01
7) Phenol-d6	6.981	99	3350984	117.749	ng		-0.01
23) Nitrobenzene-d5	8.946	82	2191037	85.833	ng		-0.01
42) 2,4,6-Tribromophenol	15.940	330	1420612	102.524	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	5075896	83.801	ng		0.00
79) Terphenyl-d14	19.781	244	8112817	74.298	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	67452	8.093	ng		100
3) Pyridine	3.728	79	153334	6.830	ng		96
4) n-Nitrosodimethylamine	3.634	42	62527	7.563	ng	#	93
6) Aniline	7.122	93	262646	8.098	ng		100
8) 2-Chlorophenol	7.364	128	180395	7.518	ng		99
9) Benzaldehyde	6.940	77	152187m	10.089	ng		
10) Phenol	7.005	94	212755	7.452	ng		89
11) bis(2-Chloroethyl)ether	7.222	93	166583	7.372	ng		96
12) 1,3-Dichlorobenzene	7.681	146	205833	7.600	ng		97
13) 1,4-Dichlorobenzene	7.828	146	209289	7.558	ng		98
14) 1,2-Dichlorobenzene	8.140	146	198328	7.410	ng		97
15) Benzyl Alcohol	8.046	79	177049m	7.803	ng		
16) 2,2'-oxybis(1-Chloropr...	8.322	45	191260	7.809	ng		92
17) 2-Methylphenol	8.252	107	136606	6.943	ng		97
18) Hexachloroethane	8.869	117	72711	7.492	ng		96
19) n-Nitroso-di-n-propyla...	8.599	70	125406	6.967	ng		99
20) 3+4-Methylphenols	8.587	107	174608	6.454	ng		96
22) Acetophenone	8.616	105	256528	7.641	ng	#	96
24) Nitrobenzene	8.987	77	196943	8.167	ng		99
25) Isophorone	9.522	82	342122	7.857	ng		99
26) 2-Nitrophenol	9.710	139	82984	6.602	ng		97
27) 2,4-Dimethylphenol	9.781	122	144714	8.159	ng		99
28) bis(2-Chloroethoxy)met...	10.005	93	207086	7.304	ng		98
29) 2,4-Dichlorophenol	10.263	162	143701	6.642	ng		98
30) 1,2,4-Trichlorobenzene	10.452	180	185653	7.407	ng		99
31) Naphthalene	10.634	128	534183	7.645	ng		99
32) Benzoic acid	9.952	122	42296m	3.050	ng		
33) 4-Chloroaniline	10.763	127	208700	7.319	ng		98
34) Hexachlorobutadiene	10.928	225	117631	6.926	ng		99
35) Caprolactam	11.534	113	46522	6.372	ng		91
36) 4-Chloro-3-methylphenol	11.904	107	154817	6.660	ng		98
37) 2-Methylnaphthalene	12.252	142	358915	7.321	ng		98
38) 1-Methylnaphthalene	12.475	142	349114	7.310	ng		98
40) 1,2,4,5-Tetrachloroben...	12.628	216	211519	7.592	ng		97
41) Hexachlorocyclopentadiene	12.604	237	32899	3.352	ng		97
43) 2,4,6-Trichlorophenol	12.881	196	119883	6.492	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	129978	6.482	ng	99
46) 1,1'-Biphenyl	13.269	154	493652	7.881	ng	98
47) 2-Chloronaphthalene	13.310	162	369119	7.484	ng	98
48) 2-Nitroaniline	13.522	65	87781	6.535	ng	98
49) Acenaphthylene	14.157	152	606025	7.960	ng	100
50) Dimethylphthalate	13.899	163	459162	7.217	ng	100
51) 2,6-Dinitrotoluene	14.010	165	93165	6.989	ng	99
52) Acenaphthene	14.498	154	346893	7.628	ng	98
53) 3-Nitroaniline	14.357	138	92346	6.558	ng	99
54) 2,4-Dinitrophenol	14.593	184	24481	3.343	ng	95
55) Dibenzofuran	14.840	168	572693	7.496	ng	99
56) 4-Nitrophenol	14.728	139	43599	4.154	ng	97
57) 2,4-Dinitrotoluene	14.816	165	119991	6.546	ng	98
58) Fluorene	15.493	166	455192	7.575	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.081	232	118175	6.500	ng	93
60) Diethylphthalate	15.269	149	456712	7.172	ng	100
61) 4-Chlorophenyl-phenyle...	15.487	204	236084	7.132	ng	97
62) 4-Nitroaniline	15.528	138	94585	6.396	ng	99
63) Azobenzene	15.781	77	406757	7.343	ng	99
65) 4,6-Dinitro-2-methylph...	15.587	198	51515	4.513	ng	99
66) n-Nitrosodiphenylamine	15.704	169	398224	7.580	ng	98
67) 4-Bromophenyl-phenylether	16.387	248	148202	6.822	ng	96
68) Hexachlorobenzene	16.510	284	171325	6.853	ng	97
69) Atrazine	16.669	200	144660	7.832	ng	99
70) Pentachlorophenol	16.875	266	69458	5.197	ng	97
71) Phenanthrene	17.240	178	729929	7.681	ng	100
72) Anthracene	17.334	178	725580	7.733	ng	99
73) Carbazole	17.616	167	674533	7.351	ng	99
74) Di-n-butylphthalate	18.169	149	792980	7.375	ng	100
75) Fluoranthene	19.228	202	891692	7.750	ng	98
77) Benzidine	19.410	184	503850	10.488	ng	99
78) Pyrene	19.581	202	927589	7.182	ng	100
80) Butylbenzylphthalate	20.463	149	382081	6.960	ng	98
81) Benzo(a)anthracene	21.298	228	972968	7.556	ng	99
82) 3,3'-Dichlorobenzidine	21.239	252	382364	7.687	ng	98
83) Chrysene	21.351	228	912897	7.487	ng	98
84) Bis(2-ethylhexyl)phtha...	21.233	149	594322	7.768	ng	99
85) Di-n-octyl phthalate	22.157	149	1046079	7.932	ng	99
87) Indeno(1,2,3-cd)pyrene	26.227	276	1178188	7.197	ng	97
88) Benzo(b)fluoranthene	22.986	252	986970	7.662	ng	100
89) Benzo(k)fluoranthene	23.033	252	1023778	8.118	ng	99
90) Benzo(a)pyrene	23.616	252	987165	8.958	ng	99
91) Dibenzo(a,h)anthracene	26.245	278	1041430	7.633	ng	98
92) Benzo(g,h,i)perylene	26.992	276	1022069	7.615	ng	97

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

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