Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
Data File : BP019570.D
Acq On : 06 Feb 2024 13:04
Operator : MA/JU
Sample : 04699-09
Misc : MDL-MDL-WATER-4PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

Quant Time: Feb 07 01:37:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	69436	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	294902	20.000	ng		-0.01
39) Acenaphthene-d10	14.539	164	220731	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	516785	20.000	ng		0.00
76) Chrysene-d12	21.386	240	443676	20.000	ng		0.00
86) Perylene-d12	23.804	264	469721	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	564910	131.141	ng		0.00
7) Phenol-d6	7.075	99	766231	131.920	ng		-0.01
23) Nitrobenzene-d5	9.075	82	532875	78.298	ng		-0.01
42) 2,4,6-Tribromophenol	16.033	330	486768	151.037	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	1360082	76.173	ng		-0.01
79) Terphenyl-d14	19.863	244	2419586	89.685	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	7572	4.562	ng		96
3) Pyridine	3.793	79	16471	3.661	ng	#	90
4) n-Nitrosodimethylamine	3.711	42	7626	3.893	ng	#	94
6) Aniline	7.240	93	26684	4.728	ng		99
8) 2-Chlorophenol	7.469	128	16801	3.799	ng		97
9) Benzaldehyde	7.057	77	18982	4.661	ng		95
10) Phenol	7.099	94	23468	4.054	ng		84
11) bis(2-Chloroethyl)ether	7.346	93	18330	4.070	ng		98
12) 1,3-Dichlorobenzene	7.793	146	20517	3.791	ng		97
13) 1,4-Dichlorobenzene	7.946	146	20843	3.802	ng		97
14) 1,2-Dichlorobenzene	8.257	146	20362	3.838	ng		96
15) Benzyl Alcohol	8.152	79	18599	4.008	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.446	45	19494	4.328	ng		90
17) 2-Methylphenol	8.352	107	15620	4.008	ng		99
18) Hexachloroethane	8.981	117	8182	3.850	ng		94
19) n-Nitroso-di-n-propyla...	8.722	70	17773	4.480	ng		99
20) 3+4-Methylphenols	8.681	107	20493	3.853	ng		96
22) Acetophenone	8.734	105	33629	4.003	ng	#	97
24) Nitrobenzene	9.116	77	25721	3.754	ng		99
25) Isophorone	9.640	82	47465	4.005	ng		99
26) 2-Nitrophenol	9.828	139	8396	3.213	ng		92
27) 2,4-Dimethylphenol	9.887	122	14699	4.400	ng		91
28) bis(2-Chloroethoxy)met...	10.134	93	26793	3.995	ng		97
29) 2,4-Dichlorophenol	10.357	162	17321	3.430	ng		97
30) 1,2,4-Trichlorobenzene	10.569	180	21978	3.549	ng	#	88
31) Naphthalene	10.757	128	61637	3.811	ng		98
32) Benzoic acid	9.946	122	8345	2.564	ng		91
33) 4-Chloroaniline	10.881	127	25908	4.331	ng		96
34) Hexachlorobutadiene	11.034	225	16425	3.579	ng		98
35) Caprolactam	11.651	113	5994	4.192	ng		90
36) 4-Chloro-3-methylphenol	11.993	107	20852	3.787	ng		97
37) 2-Methylnaphthalene	12.369	142	44301	3.958	ng		98
38) 1-Methylnaphthalene	12.587	142	42764m	3.888	ng		
40) 1,2,4,5-Tetrachloroben...	12.728	216	30823	3.621	ng		98
41) Hexachlorocyclopentadiene	12.698	237	15119	3.931	ng		91
43) 2,4,6-Trichlorophenol	12.975	196	17242	3.345	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	17954	3.172	ng		98
46) 1,1'-Biphenyl	13.381	154	65983	3.745	ng		99
47) 2-Chloronaphthalene	13.416	162	51011	3.527	ng		99
48) 2-Nitroaniline	13.628	65	13230	3.272	ng		97
49) Acenaphthylene	14.263	152	80952	3.990	ng		100
50) Dimethylphthalate	14.010	163	68982	4.082	ng		97
51) 2,6-Dinitrotoluene	14.128	165	12954	3.489	ng		90
52) Acenaphthene	14.604	154	47586	3.779	ng		99
53) 3-Nitroaniline	14.457	138	11745	3.442	ng		98
54) 2,4-Dinitrophenol	14.663	184	5489	2.848	ng	#	76
55) Dibenzofuran	14.939	168	81731	3.985	ng		99
56) 4-Nitrophenol	14.757	139	8518	3.046	ng		97
57) 2,4-Dinitrotoluene	14.910	165	16175	3.325	ng		91
58) Fluorene	15.592	166	64976	3.978	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.163	232	18017	3.784	ng		97
60) Diethylphthalate	15.375	149	67676	4.027	ng		99
61) 4-Chlorophenyl-phenyle...	15.592	204	36919	4.021	ng		95
62) 4-Nitroaniline	15.616	138	11451	3.202	ng		93
63) Azobenzene	15.886	77	62272	3.831	ng		99
65) 4,6-Dinitro-2-methylph...	15.669	198	7926	2.690	ng		95
66) n-Nitrosodiphenylamine	15.810	169	56034	3.620	ng		97
67) 4-Bromophenyl-phenylether	16.492	248	22261	3.446	ng		95
68) Hexachlorobenzene	16.586	284	27530	3.649	ng		98
69) Atrazine	16.769	200	21856	4.256	ng		96
70) Pentachlorophenol	16.939	266	12424	2.644	ng		95
71) Phenanthrene	17.333	178	107946	3.969	ng		98
72) Anthracene	17.427	178	101280	3.733	ng		99
73) Carbazole	17.704	167	87355	3.544	ng		99
74) Di-n-butylphthalate	18.269	149	100537	3.374	ng		99
75) Fluoranthene	19.304	202	119843	3.607	ng		99
77) Benzidine	19.498	184	43734	4.715	ng		99
78) Pyrene	19.657	202	124450	3.974	ng		98
80) Butylbenzylphthalate	20.551	149	37122	3.175	ng		93
81) Benzo(a)anthracene	21.368	228	119770	3.835	ng		98
82) 3,3'-Dichlorobenzidine	21.310	252	37586	3.303	ng		99
83) Chrysene	21.421	228	108018	3.643	ng		98
84) Bis(2-ethylhexyl)phtha...	21.321	149	55342	3.108	ng		98
85) Di-n-octyl phthalate	22.263	149	79416	2.535	ng		100
87) Indeno(1,2,3-cd)pyrene	26.327	276	121999	3.393	ng		99
88) Benzo(b)fluoranthene	23.063	252	108284	3.658	ng	#	96
89) Benzo(k)fluoranthene	23.115	252	98719	3.491	ng	#	99
90) Benzo(a)pyrene	23.692	252	90890	3.451	ng		100
91) Dibenzo(a,h)anthracene	26.351	278	101966	3.448	ng		100
92) Benzo(g,h,i)perylene	27.098	276	97368	3.246	ng	#	94

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

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