Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020524\
Data File : BP019559.D
Acq On : 05 Feb 2024 13:47
Operator : MA/JU
Sample : 04699-07
Misc : MDL-WATER-8PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

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

Quant Time: Feb 05 15:30:20 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	7.911	152	76358	20.000	ng		0.00
21) Naphthalene-d8	10.705	136	291665	20.000	ng		-0.01
39) Acenaphthene-d10	14.540	164	183856	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	412965	20.000	ng		0.00
76) Chrysene-d12	21.386	240	467072	20.000	ng		0.00
86) Perylene-d12	23.810	264	564319	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	465412	98.249	ng		0.00
7) Phenol-d6	7.075	99	607527	95.115	ng		-0.01
23) Nitrobenzene-d5	9.075	82	450466	66.924	ng		-0.01
42) 2,4,6-Tribromophenol	16.034	330	273514	101.889	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	1011085	67.984	ng		-0.01
79) Terphenyl-d14	19.869	244	1773638	62.449	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	15048	8.245	ng		97
3) Pyridine	3.793	79	33062	6.682	ng		96
4) n-Nitrosodimethylamine	3.711	42	14769	6.856	ng	#	94
6) Aniline	7.240	93	51287	8.264	ng		99
8) 2-Chlorophenol	7.469	128	33419	6.872	ng		99
9) Benzaldehyde	7.058	77	35810	7.997	ng		98
10) Phenol	7.099	94	45385	7.129	ng		97
11) bis(2-Chloroethyl)ether	7.346	93	34005	6.866	ng		92
12) 1,3-Dichlorobenzene	7.793	146	41514	6.976	ng		98
13) 1,4-Dichlorobenzene	7.946	146	42939	7.122	ng		98
14) 1,2-Dichlorobenzene	8.258	146	40662	6.970	ng		96
15) Benzyl Alcohol	8.152	79	34228	6.707	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.440	45	35668	7.202	ng		98
17) 2-Methylphenol	8.352	107	29327	6.843	ng		98
18) Hexachloroethane	8.981	117	16269	6.962	ng		93
19) n-Nitroso-di-n-propyla...	8.722	70	28865	6.616	ng		99
20) 3+4-Methylphenols	8.681	107	38358	6.558	ng		96
22) Acetophenone	8.740	105	57893	6.967	ng	#	95
24) Nitrobenzene	9.116	77	46905	6.921	ng		98
25) Isophorone	9.640	82	75997	6.483	ng		99
26) 2-Nitrophenol	9.828	139	15933	6.166	ng		90
27) 2,4-Dimethylphenol	9.887	122	25286	7.653	ng		96
28) bis(2-Chloroethoxy)met...	10.134	93	45616	6.878	ng		97
29) 2,4-Dichlorophenol	10.352	162	33254	6.658	ng		97
30) 1,2,4-Trichlorobenzene	10.569	180	42045	6.865	ng		98
31) Naphthalene	10.758	128	109190	6.826	ng		97
32) Benzoic acid	9.952	122	15868m	4.929	ng		
33) 4-Chloroaniline	10.875	127	42288	7.148	ng		96
34) Hexachlorobutadiene	11.034	225	30761	6.778	ng		93
35) Caprolactam	11.646	113	8982	6.352	ng		89
36) 4-Chloro-3-methylphenol	11.993	107	33752	6.197	ng		99
37) 2-Methylnaphthalene	12.369	142	76087	6.873	ng		99
38) 1-Methylnaphthalene	12.581	142	72533	6.667	ng		95
40) 1,2,4,5-Tetrachloroben...	12.728	216	50952	7.186	ng		99
41) Hexachlorocyclopentadiene	12.699	237	28063	8.761	ng		98
43) 2,4,6-Trichlorophenol	12.975	196	26307	6.127	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	30249	6.416	ng		99
46) 1,1'-Biphenyl	13.381	154	106974	7.290	ng		98
47) 2-Chloronaphthalene	13.416	162	82533	6.852	ng		95
48) 2-Nitroaniline	13.628	65	20175	5.990	ng		96
49) Acenaphthylene	14.263	152	126745	7.500	ng		99
50) Dimethylphthalate	14.010	163	97600	6.934	ng		99
51) 2,6-Dinitrotoluene	14.128	165	19172	6.200	ng		98
52) Acenaphthene	14.604	154	73803	7.036	ng		98
53) 3-Nitroaniline	14.457	138	18120	6.376	ng		96
54) 2,4-Dinitrophenol	14.663	184	8638	5.380	ng		94
55) Dibenzofuran	14.940	168	122602	7.177	ng		98
56) 4-Nitrophenol	14.751	139	13525	5.807	ng		88
57) 2,4-Dinitrotoluene	14.916	165	23568	5.816	ng		99
58) Fluorene	15.593	166	96362	7.082	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	26962	6.799	ng		98
60) Diethylphthalate	15.375	149	95513	6.823	ng		98
61) 4-Chlorophenyl-phenyle...	15.593	204	54852	7.172	ng		96
62) 4-Nitroaniline	15.616	138	19942	6.695	ng		97
63) Azobenzene	15.887	77	92418	6.827	ng		98
65) 4,6-Dinitro-2-methylph...	15.669	198	12346	5.243	ng		95
66) n-Nitrosodiphenylamine	15.804	169	80762	6.530	ng		97
67) 4-Bromophenyl-phenylether	16.492	248	34442	6.671	ng		97
68) Hexachlorobenzene	16.587	284	39374	6.531	ng		95
69) Atrazine	16.769	200	31478	7.670	ng		97
70) Pentachlorophenol	16.940	266	19859	5.290	ng		97
71) Phenanthrene	17.340	178	153409	7.059	ng		98
72) Anthracene	17.428	178	148069	6.830	ng		98
73) Carbazole	17.704	167	131142	6.659	ng		98
74) Di-n-butylphthalate	18.269	149	151997	6.383	ng		100
75) Fluoranthene	19.304	202	185873	7.001	ng		99
77) Benzidine	19.498	184	98757	10.113	ng		98
78) Pyrene	19.657	202	195259	5.923	ng		100
80) Butylbenzylphthalate	20.551	149	66296	5.385	ng		97
81) Benzo(a)anthracene	21.375	228	223789	6.807	ng		98
82) 3,3'-Dichlorobenzidine	21.310	252	81882	6.834	ng	#	99
83) Chrysene	21.428	228	205194	6.574	ng		97
84) Bis(2-ethylhexyl)phtha...	21.322	149	108963	5.813	ng		100
85) Di-n-octyl phthalate	22.269	149	189129	5.734	ng		99
87) Indeno(1,2,3-cd)pyrene	26.327	276	273764	6.338	ng		99
88) Benzo(b)fluoranthene	23.069	252	232474	6.536	ng		100
89) Benzo(k)fluoranthene	23.122	252	221701	6.526	ng		98
90) Benzo(a)pyrene	23.698	252	201281	6.360	ng		99
91) Dibenzo(a,h)anthracene	26.357	278	226676	6.380	ng		98
92) Benzo(g,h,i)perylene	27.098	276	216981	6.020	ng		99

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

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