Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020924\
Data File : BM044044.D
Acq On : 09 Feb 2024 17:54
Operator : MA/JU
Sample : P1187-07
Misc : LOD-MDL-WATER-8ppm
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Quant Time: Feb 09 22:56:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 02:42:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	579309	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	2468402	20.000	ng		0.00
39) Acenaphthene-d10	14.551	164	1440593	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	2833091	20.000	ng		0.00
76) Chrysene-d12	21.503	240	2208202	20.000	ng		0.00
86) Perylene-d12	23.897	264	2382929	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	3216246	80.748	ng		0.00
7) Phenol-d6	7.075	99	4208180	83.037	ng		0.00
23) Nitrobenzene-d5	9.081	82	2821654	60.658	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	1288760	82.625	ng		0.00
45) 2-Fluorobiphenyl	13.180	172	6015931	58.937	ng		0.00
79) Terphenyl-d14	19.945	244	7507026	59.596	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	98314	6.220	ng		99
3) Pyridine	3.787	79	232220	5.564	ng		97
4) n-Nitrosodimethylamine	3.710	42	95554	6.035	ng	#	94
6) Aniline	7.239	93	358560	7.196	ng		99
8) 2-Chlorophenol	7.469	128	250682	6.027	ng		99
9) Benzaldehyde	7.057	77	222595m	8.547	ng		
10) Phenol	7.098	94	318512	6.227	ng		96
11) bis(2-Chloroethyl)ether	7.345	93	258022	6.092	ng		98
12) 1,3-Dichlorobenzene	7.792	146	279202	5.912	ng		99
13) 1,4-Dichlorobenzene	7.945	146	286063	6.009	ng		99
14) 1,2-Dichlorobenzene	8.257	146	267942	5.907	ng		99
15) Benzyl Alcohol	8.151	79	207358	6.284	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.439	45	343540	6.398	ng		99
17) 2-Methylphenol	8.351	107	199788	5.951	ng		98
18) Hexachloroethane	8.980	117	102918	5.774	ng		98
19) n-Nitroso-di-n-propyla...	8.722	70	200461	6.442	ng		97
20) 3+4-Methylphenols	8.681	107	268831	5.818	ng		99
22) Acetophenone	8.739	105	402766	6.428	ng	#	98
24) Nitrobenzene	9.122	77	293941	6.171	ng		99
25) Isophorone	9.639	82	540389	6.033	ng		98
26) 2-Nitrophenol	9.828	139	119469	5.409	ng		99
27) 2,4-Dimethylphenol	9.886	122	173959	6.160	ng		98
28) bis(2-Chloroethoxy)met...	10.133	93	359136	6.200	ng		100
29) 2,4-Dichlorophenol	10.357	162	215029	5.783	ng		97
30) 1,2,4-Trichlorobenzene	10.569	180	247510	5.920	ng		99
31) Naphthalene	10.757	128	816724	5.995	ng		100
32) Benzoic acid	9.963	122	104852	3.686	ng		96
33) 4-Chloroaniline	10.880	127	331286	6.422	ng		99
34) Hexachlorobutadiene	11.033	225	136915	5.721	ng		99
35) Caprolactam	11.651	113	64353	5.379	ng		95
36) 4-Chloro-3-methylphenol	11.998	107	230450	5.724	ng		99
37) 2-Methylnaphthalene	12.374	142	544840	6.004	ng		97
38) 1-Methylnaphthalene	12.592	142	531458	5.960	ng		99
40) 1,2,4,5-Tetrachloroben...	12.733	216	260363	6.218	ng		99
41) Hexachlorocyclopentadiene	12.710	237	111458	6.099	ng		98
43) 2,4,6-Trichlorophenol	12.980	196	160060	5.617	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	172882	5.528	ng	98
46) 1,1'-Biphenyl	13.386	154	727075	6.396	ng	99
47) 2-Chloronaphthalene	13.427	162	544439	6.046	ng	98
48) 2-Nitroaniline	13.639	65	144641	5.710	ng	95
49) Acenaphthylene	14.274	152	889340	6.620	ng	100
50) Dimethylphthalate	14.015	163	656634	6.148	ng	100
51) 2,6-Dinitrotoluene	14.139	165	129552	5.498	ng	93
52) Acenaphthene	14.615	154	507929	6.109	ng	99
53) 3-Nitroaniline	14.468	138	140702	5.556	ng	99
54) 2,4-Dinitrophenol	14.668	184	45638	8.589	ng	97
55) Dibenzofuran	14.951	168	824861	6.410	ng	99
56) 4-Nitrophenol	14.762	139	100741	4.893	ng	95
57) 2,4-Dinitrotoluene	14.921	165	163524	5.309	ng	98
58) Fluorene	15.598	166	642080	6.457	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.174	232	148174	6.038	ng	99
60) Diethylphthalate	15.386	149	649411	5.883	ng	100
61) 4-Chlorophenyl-phenyle...	15.598	204	307470	6.381	ng	98
62) 4-Nitroaniline	15.627	138	131707	5.166	ng	95
63) Azobenzene	15.892	77	636747	6.148	ng	98
65) 4,6-Dinitro-2-methylph...	15.680	198	71229	4.219	ng	99
66) n-Nitrosodiphenylamine	15.815	169	535250	6.219	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	141687	5.058	ng	98
68) Hexachlorobenzene	16.592	284	201850	5.883	ng	98
69) Atrazine	16.774	200	171905	7.376	ng	98
70) Pentachlorophenol	16.945	266	100819	4.517	ng	97
71) Phenanthrene	17.345	178	968821	6.476	ng	100
72) Anthracene	17.433	178	916730	6.190	ng	99
73) Carbazole	17.709	167	860986	5.977	ng	99
74) Di-n-butylphthalate	18.292	149	1036860	5.538	ng	100
75) Fluoranthene	19.362	202	988957	5.885	ng	99
77) Benzidine	19.562	184	391179	11.399	ng	98
78) Pyrene	19.727	202	1032992	6.074	ng	100
80) Butylbenzylphthalate	20.650	149	386482	5.113	ng	99
81) Benzo(a)anthracene	21.486	228	941823	6.132	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	309768	6.146	ng	99
83) Chrysene	21.539	228	862626	5.944	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	595694	5.341	ng	99
85) Di-n-octyl phthalate	22.374	149	920307	4.724	ng	98
87) Indeno(1,2,3-cd)pyrene	26.379	276	980584	5.814	ng	100
88) Benzo(b)fluoranthene	23.168	252	879267	5.903	ng	99
89) Benzo(k)fluoranthene	23.215	252	851073	6.013	ng	100
90) Benzo(a)pyrene	23.785	252	743843	5.717	ng	99
91) Dibenzo(a,h)anthracene	26.403	278	835061	5.919	ng	99
92) Benzo(g,h,i)perylene	27.132	276	795380	5.559	ng	99

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

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