Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110424\
Data File : BF140227.D
Acq On : 04 Nov 2024 19:07
Operator : RC/JU
Sample : P4368-09
Misc : MDL-MDL-WATER-8 PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

Quant Time: Nov 05 00:01:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 17:12:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	211180	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	779214	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	463097	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	860472	20.000	ng		0.00
76) Chrysene-d12	14.051	240	583645	20.000	ng		0.00
86) Perylene-d12	15.533	264	485726	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	1351709	108.459	ng		0.00
7) Phenol-d6	6.504	99	1811643	113.287	ng		0.00
23) Nitrobenzene-d5	7.439	82	1241922	80.630	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	698255	136.751	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2458521	82.981	ng		0.00
79) Terphenyl-d14	12.992	244	3038202	83.054	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	46010	8.364	ng		91
3) Pyridine	3.469	79	101719	7.528	ng		96
4) n-Nitrosodimethylamine	3.369	42	51251	6.771	ng	#	87
6) Aniline	6.539	93	148614	10.647	ng		96
8) 2-Chlorophenol	6.663	128	112292	8.548	ng		99
9) Benzaldehyde	6.428	77	96198	9.258	ng		94
10) Phenol	6.516	94	145169	8.535	ng		93
11) bis(2-Chloroethyl)ether	6.610	93	109075	8.342	ng		97
12) 1,3-Dichlorobenzene	6.816	146	124868	8.051	ng		98
13) 1,4-Dichlorobenzene	6.892	146	126555	8.077	ng		100
14) 1,2-Dichlorobenzene	7.045	146	118232	8.075	ng		100
15) Benzyl Alcohol	7.010	79	121209	9.677	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.145	45	154799	8.225	ng		99
17) 2-Methylphenol	7.116	107	91339	8.590	ng		96
18) Hexachloroethane	7.386	117	44520	7.632	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	84944	8.135	ng		98
20) 3+4-Methylphenols	7.269	107	120869	8.835	ng	#	87
22) Acetophenone	7.281	105	174387	9.131	ng	#	91
24) Nitrobenzene	7.457	77	131811	8.197	ng		97
25) Isophorone	7.686	82	227455	8.693	ng		99
26) 2-Nitrophenol	7.769	139	55258	8.756	ng		95
27) 2,4-Dimethylphenol	7.798	122	79330	9.179	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	139336	8.838	ng		99
29) 2,4-Dichlorophenol	8.010	162	98200	8.984	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	117169	8.731	ng		98
31) Naphthalene	8.175	128	346049	8.809	ng		99
32) Benzoic acid	7.863	122	39222	5.707	ng		92
33) 4-Chloroaniline	8.222	127	131378	10.091	ng		96
34) Hexachlorobutadiene	8.292	225	75254	8.081	ng		100
35) Caprolactam	8.557	113	28732	8.859	ng		93
36) 4-Chloro-3-methylphenol	8.698	107	103160	8.667	ng		96
37) 2-Methylnaphthalene	8.869	142	239497	9.136	ng		100
38) 1-Methylnaphthalene	8.969	142	222926	8.688	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	130923	9.160	ng		99
41) Hexachlorocyclopentadiene	9.022	237	38015	9.698	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	77219	8.847	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	80040	8.777	ng	97
46) 1,1'-Biphenyl	9.333	154	317222	9.437	ng	98
47) 2-Chloronaphthalene	9.357	162	229641	9.004	ng	97
48) 2-Nitroaniline	9.451	65	64683	8.159	ng	93
49) Acenaphthylene	9.775	152	363176	10.117	ng	98
50) Dimethylphthalate	9.627	163	262719	9.251	ng	99
51) 2,6-Dinitrotoluene	9.692	165	58490	8.643	ng	87
52) Acenaphthene	9.945	154	221044	8.639	ng	99
53) 3-Nitroaniline	9.857	138	57028	9.235	ng	99
54) 2,4-Dinitrophenol	9.969	184	12093	9.607	ng	88
55) Dibenzofuran	10.116	168	341925	9.461	ng	96
56) 4-Nitrophenol	10.016	139	35262	7.717	ng	84
57) 2,4-Dinitrotoluene	10.092	165	76114	8.592	ng	91
58) Fluorene	10.463	166	272010	9.411	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	68207	9.028	ng	96
60) Diethylphthalate	10.333	149	262266	9.066	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	138205	9.293	ng	94
62) 4-Nitroaniline	10.469	138	55471	8.836	ng	90
63) Azobenzene	10.616	77	254794	8.685	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	27530	6.110	ng	95
66) n-Nitrosodiphenylamine	10.574	169	230223	9.289	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	87001	8.978	ng	98
68) Hexachlorobenzene	11.010	284	99096	9.062	ng	97
69) Atrazine	11.092	200	79219	11.425	ng	99
70) Pentachlorophenol	11.204	266	39489	6.780	ng	96
71) Phenanthrene	11.427	178	396987	9.491	ng	99
72) Anthracene	11.480	178	405653	9.896	ng	99
73) Carbazole	11.633	167	340463	9.158	ng	99
74) Di-n-butylphthalate	11.963	149	397026	9.105	ng	99
75) Fluoranthene	12.616	202	417694	9.323	ng	99
77) Benzidine	12.739	184	113315	11.193	ng	97
78) Pyrene	12.845	202	421542	8.795	ng	98
80) Butylbenzylphthalate	13.468	149	141160	8.397	ng	94
81) Benzo(a)anthracene	14.039	228	352212	9.201	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	101909	8.824	ng	99
83) Chrysene	14.074	228	310567	8.820	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	205517	8.790	ng	100
85) Di-n-octyl phthalate	14.645	149	293524	8.466	ng	96
87) Indeno(1,2,3-cd)pyrene	17.033	276	252883	8.272	ng	99
88) Benzo(b)fluoranthene	15.098	252	252941	8.256	ng	99
89) Benzo(k)fluoranthene	15.127	252	263203	9.640	ng	99
90) Benzo(a)pyrene	15.468	252	225068	9.114	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	203402	8.169	ng	99
92) Benzo(g,h,i)perylene	17.486	276	192200	7.560	ng	99

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

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