Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
Data File : BF139260.D
Acq On : 05 Sep 2024 16:25
Operator : RC/JU
Sample : P2403-08
Misc : LOQ-WATER-5 ng
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

Quant Time: Sep 05 16:47:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	109695	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	394289	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	211459	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	390113	20.000	ng		0.00
76) Chrysene-d12	14.045	240	206848	20.000	ng		0.00
86) Perylene-d12	15.521	264	183712	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	751746	114.643	ng		0.00
7) Phenol-d6	6.510	99	982044	112.184	ng		0.00
23) Nitrobenzene-d5	7.445	82	640224	84.472	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	218884	119.872	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1166295	85.139	ng		0.00
79) Terphenyl-d14	12.998	244	1052215	82.132	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	18672	6.115	ng		97
3) Pyridine	3.457	79	40815	5.537	ng		99
4) n-Nitrosodimethylamine	3.369	42	27573	5.760	ng		97
6) Aniline	6.545	93	57471	7.139	ng		98
8) 2-Chlorophenol	6.669	128	42072	6.191	ng		83
9) Benzaldehyde	6.434	77	38487	7.263	ng		98
10) Phenol	6.522	94	59016	6.391	ng	#	68
11) bis(2-Chloroethyl)ether	6.622	93	40781	6.165	ng		99
12) 1,3-Dichlorobenzene	6.828	146	46783	6.082	ng		98
13) 1,4-Dichlorobenzene	6.904	146	47343	6.149	ng		98
14) 1,2-Dichlorobenzene	7.057	146	43432	6.048	ng		98
15) Benzyl Alcohol	7.022	79	48816	7.647	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	81332	6.459	ng		100
17) 2-Methylphenol	7.128	107	34410	6.199	ng		97
18) Hexachloroethane	7.398	117	16333	5.940	ng		97
19) n-Nitroso-di-n-propyla...	7.286	70	31914	6.330	ng		96
20) 3+4-Methylphenols	7.281	107	43787	6.259	ng		96
22) Acetophenone	7.286	105	61664	6.565	ng		99
24) Nitrobenzene	7.463	77	49081	6.101	ng		98
25) Isophorone	7.698	82	82319	6.353	ng		99
26) 2-Nitrophenol	7.781	139	18553	5.872	ng		99
27) 2,4-Dimethylphenol	7.816	122	28740	6.378	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	48162	6.239	ng		98
29) 2,4-Dichlorophenol	8.016	162	33985	6.299	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	37498	6.085	ng		96
31) Naphthalene	8.192	128	127549	6.388	ng		99
32) Benzoic acid	7.863	122	13335	3.249	ng		94
33) 4-Chloroaniline	8.233	127	46927	6.788	ng		99
34) Hexachlorobutadiene	8.310	225	22955	5.879	ng		98
35) Caprolactam	8.563	113	9521	5.700	ng		97
36) 4-Chloro-3-methylphenol	8.710	107	35591	6.054	ng		96
37) 2-Methylnaphthalene	8.880	142	79898	6.396	ng		98
38) 1-Methylnaphthalene	8.980	142	74989	6.103	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	39226	6.557	ng		99
41) Hexachlorocyclopentadiene	9.033	237	12510	6.506	ng		97
43) 2,4,6-Trichlorophenol	9.157	196	23290	5.950	ng		98

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Misc : LOQ-WATER-5 ng
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	24143	5.886	ng		100
46) 1,1'-Biphenyl	9.345	154	107921	6.888	ng		99
47) 2-Chloronaphthalene	9.369	162	73519	6.215	ng		99
48) 2-Nitroaniline	9.463	65	23987	5.887	ng		99
49) Acenaphthylene	9.786	152	124351	6.979	ng		99
50) Dimethylphthalate	9.639	163	81316	6.345	ng		99
51) 2,6-Dinitrotoluene	9.698	165	16923	5.820	ng		97
52) Acenaphthene	9.957	154	72950	6.173	ng		97
53) 3-Nitroaniline	9.869	138	19175	6.190	ng		99
54) 2,4-Dinitrophenol	9.975	184	2518	9.023	ng	#	48
55) Dibenzofuran	10.127	168	114327	6.748	ng		98
56) 4-Nitrophenol	10.016	139	10972	4.799	ng		99
57) 2,4-Dinitrotoluene	10.098	165	21037	5.685	ng		99
58) Fluorene	10.469	166	87229	6.640	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	19861	6.151	ng	#	95
60) Diethylphthalate	10.339	149	80456	6.379	ng		98
61) 4-Chlorophenyl-phenyle...	10.463	204	42215	6.664	ng		99
62) 4-Nitroaniline	10.474	138	16965	5.753	ng		97
63) Azobenzene	10.622	77	85719	6.448	ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	5787	3.210	ng		96
66) n-Nitrosodiphenylamine	10.580	169	74562	6.566	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	23741	6.272	ng		94
68) Hexachlorobenzene	11.016	284	26698	6.162	ng		99
69) Atrazine	11.104	200	19808	7.561	ng		94
70) Pentachlorophenol	11.210	266	9125	3.646	ng		94
71) Phenanthrene	11.433	178	119525	6.559	ng		99
72) Anthracene	11.486	178	120504	6.769	ng		99
73) Carbazole	11.639	167	105074	6.315	ng		99
74) Di-n-butylphthalate	11.968	149	102110	5.993	ng		99
75) Fluoranthene	12.621	202	117605	6.437	ng		99
77) Benzidine	12.745	184	31944	7.670	ng		96
78) Pyrene	12.851	202	122797	6.145	ng		99
80) Butylbenzylphthalate	13.468	149	26408	5.614	ng		99
81) Benzo(a)anthracene	14.033	228	82337	6.234	ng		98
82) 3,3'-Dichlorobenzidine	14.004	252	20951	5.973	ng		95
83) Chrysene	14.068	228	79710	6.466	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	26694	4.835	ng		99
85) Di-n-octyl phthalate	14.645	149	34118	3.228	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	51731	4.507	ng		99
88) Benzo(b)fluoranthene	15.086	252	56139	5.306	ng		99
89) Benzo(k)fluoranthene	15.115	252	64935	6.845	ng		97
90) Benzo(a)pyrene	15.457	252	53527	5.958	ng		99
91) Dibenzo(a,h)anthracene	17.015	278	40924	4.327	ng		100
92) Benzo(g,h,i)perylene	17.433	276	41735	4.275	ng		97

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

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Instrument :
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ClientSampleId :
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