Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
Data File : BF139264.D
Acq On : 05 Sep 2024 18:25
Operator : RC/JU
Sample : P2403-07
Misc : LOD-MDL-WATER-8 ng
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Quant Time: Sep 05 18:50:22 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	6.887	152	103167	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	383398	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	202653	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	368250	20.000	ng		0.00
76) Chrysene-d12	14.045	240	191910	20.000	ng		0.00
86) Perylene-d12	15.516	264	169552	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	803079	130.220	ng		0.00
7) Phenol-d6	6.510	99	1057530	128.451	ng		0.00
23) Nitrobenzene-d5	7.451	82	694350	94.215	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	233059	133.181	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1221238	93.024	ng		0.00
79) Terphenyl-d14	12.998	244	1026279	86.343	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	25389	8.840	ng		98
3) Pyridine	3.446	79	57143	8.243	ng		96
4) n-Nitrosodimethylamine	3.358	42	37010	8.221	ng	#	94
6) Aniline	6.551	93	83661	11.051	ng		96
8) 2-Chlorophenol	6.669	128	61030	9.549	ng		92
9) Benzaldehyde	6.434	77	52893	10.614	ng		98
10) Phenol	6.522	94	81736	9.412	ng	#	74
11) bis(2-Chloroethyl)ether	6.622	93	57458	9.236	ng		99
12) 1,3-Dichlorobenzene	6.828	146	65823	9.099	ng		98
13) 1,4-Dichlorobenzene	6.904	146	67131	9.271	ng		98
14) 1,2-Dichlorobenzene	7.057	146	61785	9.149	ng		100
15) Benzyl Alcohol	7.022	79	64502	10.743	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	112648	9.511	ng		100
17) 2-Methylphenol	7.128	107	46820	8.968	ng		99
18) Hexachloroethane	7.398	117	23314	9.015	ng		97
19) n-Nitroso-di-n-propyla...	7.293	70	43398	9.152	ng		97
20) 3+4-Methylphenols	7.281	107	60719	9.228	ng		96
22) Acetophenone	7.293	105	87988	9.633	ng		93
24) Nitrobenzene	7.469	77	69140	8.839	ng		97
25) Isophorone	7.698	82	114147	9.059	ng		99
26) 2-Nitrophenol	7.781	139	26485	8.621	ng		98
27) 2,4-Dimethylphenol	7.816	122	35295	8.055	ng		94
28) bis(2-Chloroethoxy)met...	7.916	93	68863	9.173	ng		98
29) 2,4-Dichlorophenol	8.022	162	47311	9.018	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	54115	9.032	ng		100
31) Naphthalene	8.193	128	176634	9.097	ng		100
32) Benzoic acid	7.863	122	17696	4.434	ng		94
33) 4-Chloroaniline	8.234	127	65638	9.764	ng		99
34) Hexachlorobutadiene	8.310	225	32193	8.479	ng		99
35) Caprolactam	8.563	113	13533	8.332	ng		98
36) 4-Chloro-3-methylphenol	8.710	107	48914	8.556	ng		95
37) 2-Methylnaphthalene	8.881	142	112359	9.250	ng		98
38) 1-Methylnaphthalene	8.981	142	104004	8.705	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	53773	9.379	ng		99
41) Hexachlorocyclopentadiene	9.034	237	15820	8.586	ng		97
43) 2,4,6-Trichlorophenol	9.157	196	33476	8.924	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	34461	8.766	ng		99
46) 1,1'-Biphenyl	9.345	154	146896	9.784	ng		99
47) 2-Chloronaphthalene	9.369	162	105043	9.265	ng		98
48) 2-Nitroaniline	9.463	65	34217	8.762	ng		100
49) Acenaphthylene	9.781	152	173323	10.150	ng		99
50) Dimethylphthalate	9.639	163	113776	9.263	ng		99
51) 2,6-Dinitrotoluene	9.698	165	23132	8.301	ng		94
52) Acenaphthene	9.957	154	101449	8.957	ng		98
53) 3-Nitroaniline	9.869	138	26923	9.068	ng		98
54) 2,4-Dinitrophenol	9.975	184	4167	10.111	ng	#	61
55) Dibenzofuran	10.128	168	156436	9.634	ng		99
56) 4-Nitrophenol	10.016	139	15665	7.149	ng		98
57) 2,4-Dinitrotoluene	10.098	165	29803	8.403	ng		99
58) Fluorene	10.469	166	119635	9.503	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	28435	9.189	ng		94
60) Diethylphthalate	10.339	149	108751	8.997	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	57946	9.544	ng		99
62) 4-Nitroaniline	10.475	138	23615	8.356	ng		96
63) Azobenzene	10.622	77	118481	9.300	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	8918	5.241	ng		97
66) n-Nitrosodiphenylamine	10.581	169	101672	9.485	ng		97
67) 4-Bromophenyl-phenylether	10.951	248	33692	9.430	ng		96
68) Hexachlorobenzene	11.016	284	36642	8.959	ng		98
69) Atrazine	11.104	200	28465	11.510	ng		100
70) Pentachlorophenol	11.210	266	14870	6.294	ng		96
71) Phenanthrene	11.433	178	166208	9.662	ng		99
72) Anthracene	11.481	178	160892	9.574	ng		100
73) Carbazole	11.639	167	144537	9.202	ng		99
74) Di-n-butylphthalate	11.969	149	147612	9.179	ng		100
75) Fluoranthene	12.622	202	160830	9.325	ng		98
77) Benzidine	12.745	184	41886	10.840	ng		97
78) Pyrene	12.851	202	169568	9.147	ng		99
80) Butylbenzylphthalate	13.469	149	35472	8.128	ng		99
81) Benzo(a)anthracene	14.033	228	110195	8.992	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	28935	8.891	ng		98
83) Chrysene	14.069	228	104539	9.140	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	35469	6.924	ng		99
85) Di-n-octyl phthalate	14.645	149	55582	5.668	ng		99
87) Indeno(1,2,3-cd)pyrene	16.992	276	77758	7.341	ng		98
88) Benzo(b)fluoranthene	15.086	252	80888	8.284	ng		98
89) Benzo(k)fluoranthene	15.116	252	87075	9.946	ng		99
90) Benzo(a)pyrene	15.457	252	74808	9.022	ng		98
91) Dibenzo(a,h)anthracene	17.015	278	61643	7.062	ng		100
92) Benzo(g,h,i)perylene	17.433	276	60839	6.752	ng		99

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

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