Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080521\
Data File : BF124950.D
Acq On : 5 Aug 2021 18:37
Operator : JU/CG
Sample : M2262-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2021

Quant Time: Aug 06 02:36:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 17:59:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	8823	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	32215	20.000	ng	#	0.00
39) Acenaphthene-d10	9.874	164	18156	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	32678	20.000	ng		0.00
76) Chrysene-d12	13.998	240	24462	20.000	ng	#	0.00
86) Perylene-d12	15.456	264	19950	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	55360	102.784	ng		0.00
7) Phenol-d6	6.469	99	69229	101.935	ng		0.00
23) Nitrobenzene-d5	7.404	82	39594	64.295	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	16316	100.588	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	80946	65.236	ng		0.00
79) Terphenyl-d14	12.945	244	98695	68.057	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.604	88	491	2.437	ng	#	100
3) Pyridine	3.445	79	114	0.243	ng	#	59
4) n-Nitrosodimethylamine	3.298	42	687	2.066	ng		85
6) Aniline	6.504	93	3084	4.299	ng	#	94
8) 2-Chlorophenol	6.622	128	2062	3.490	ng		83
9) Benzaldehyde	6.386	77	1626	4.401	ng		93
10) Phenol	6.481	94	2281	3.255	ng		97
11) bis(2-Chloroethyl)ether	6.575	93	2109	4.012	ng		98
12) 1,3-Dichlorobenzene	6.775	146	2621	4.076	ng		91
13) 1,4-Dichlorobenzene	6.851	146	2549	3.965	ng		90
14) 1,2-Dichlorobenzene	7.004	146	2400	3.984	ng		98
15) Benzyl Alcohol	6.975	79	1949	3.978	ng		87
16) 2,2'-oxybis(1-Chloropr...	7.110	45	3117	3.701	ng		90
17) 2-Methylphenol	7.081	107	1631	3.688	ng	#	87
18) Hexachloroethane	7.345	117	891	3.540	ng	#	81
19) n-Nitroso-di-n-propyla...	7.239	70	1413	3.506	ng	#	88
20) 3+4-Methylphenols	7.233	107	1971	3.357	ng	#	81
22) Acetophenone	7.239	105	3153	3.996	ng	#	84
24) Nitrobenzene	7.416	77	2262	3.796	ng	#	86
25) Isophorone	7.651	82	4024	3.829	ng	#	91
26) 2-Nitrophenol	7.733	139	962	3.179	ng	#	74
27) 2,4-Dimethylphenol	7.769	122	1719	4.008	ng	#	87
28) bis(2-Chloroethoxy)met...	7.863	93	2489	4.161	ng	#	94
29) 2,4-Dichlorophenol	7.975	162	1399	2.927	ng		93
30) 1,2,4-Trichlorobenzene	8.057	180	2014	3.760	ng		99
31) Naphthalene	8.139	128	6336	3.828	ng		98
32) Benzoic acid	7.769	122	1719	13.154	ng	#	17
33) 4-Chloroaniline	8.186	127	2430	3.940	ng	#	94
34) Hexachlorobutadiene	8.257	225	1093	3.417	ng		87
35) Caprolactam	8.522	113	303	2.388	ng	#	72
36) 4-Chloro-3-methylphenol	8.663	107	1577	3.155	ng		89
37) 2-Methylnaphthalene	8.827	142	4361	3.919	ng		95
38) 1-Methylnaphthalene	8.927	142	3949	3.792	ng		81
40) 1,2,4,5-Tetrachloroben...	8.992	216	1886	3.619	ng	#	92
41) Hexachlorocyclopentadiene	8.980	237	284	6.725	ng	#	26
43) 2,4,6-Trichlorophenol	9.110	196	1073	3.093	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	1157	3.295	ng		88
46) 1,1'-Biphenyl	9.292	154	5719	4.227	ng		95
47) 2-Chloronaphthalene	9.322	162	4034	3.748	ng		98
48) 2-Nitroaniline	9.410	65	996	3.150	ng		92
49) Acenaphthylene	9.733	152	6145	3.758	ng		98
50) Dimethylphthalate	9.586	163	4869	3.957	ng	#	96
51) 2,6-Dinitrotoluene	9.651	165	1025	3.741	ng	#	85
52) Acenaphthene	9.904	154	3724	3.757	ng		91
53) 3-Nitroaniline	9.822	138	1018	3.528	ng	#	90
55) Dibenzofuran	10.074	168	5756	3.716	ng		97
56) 4-Nitrophenol	9.980	139	289	1.519	ng	#	60
57) 2,4-Dinitrotoluene	10.057	165	1213	3.261	ng		94
58) Fluorene	10.422	166	4428	3.728	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.198	232	594	2.254	ng	#	68
60) Diethylphthalate	10.292	149	4753	3.764	ng		94
61) 4-Chlorophenyl-phenyle...	10.410	204	2119	3.778	ng	#	86
62) 4-Nitroaniline	10.433	138	962	3.434	ng	#	65
63) Azobenzene	10.574	77	4299	3.482	ng		90
65) 4,6-Dinitro-2-methylph...	10.463	198	362	1.768	ng	#	22
66) n-Nitrosodiphenylamine	10.527	169	3818	3.605	ng		93
67) 4-Bromophenyl-phenylether	10.904	248	1374	3.839	ng		93
68) Hexachlorobenzene	10.969	284	1481	3.803	ng	#	81
69) Atrazine	11.051	200	1282	4.028	ng		90
70) Pentachlorophenol	11.163	266	245	4.863	ng	#	17
71) Phenanthrene	11.380	178	6988	3.942	ng		99
72) Anthracene	11.433	178	6638	3.733	ng		94
73) Carbazole	11.586	167	5749	3.525	ng		96
74) Di-n-butylphthalate	11.916	149	7484	3.611	ng		99
75) Fluoranthene	12.568	202	6590	3.594	ng		99
77) Benzidine	12.692	184	3687	5.633	ng		97
78) Pyrene	12.798	202	7046	3.657	ng		97
80) Butylbenzylphthalate	13.415	149	2991	3.488	ng		98
81) Benzo(a)anthracene	13.986	228	5939	3.726	ng		96
82) 3,3'-Dichlorobenzidine	13.951	252	2053	4.885	ng		87
83) Chrysene	14.021	228	5746	3.729	ng		97
84) Bis(2-ethylhexyl)phtha...	13.968	149	3955	3.325	ng	#	95
85) Di-n-octyl phthalate	14.580	149	6707	3.574	ng	#	95
87) Indeno(1,2,3-cd)pyrene	16.915	276	3986	3.355	ng	#	80
88) Benzo(b)fluoranthene	15.027	252	5171	3.691	ng		94
89) Benzo(k)fluoranthene	15.056	252	4617	3.623	ng	#	89
90) Benzo(a)pyrene	15.392	252	4804	4.027	ng		94
91) Dibenzo(a,h)anthracene	16.927	278	3240	3.102	ng		97
92) Benzo(g,h,i)perylene	17.350	276	3242	3.236	ng		99

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

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