Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020322\
Data File : BF126796.D
Acq On : 03 Feb 2022 13:59
Operator : CG/JU
Sample : M4068-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Quant Time: Feb 03 14:23:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 02 15:08:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	156145	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	586608	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	327524	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	556890	20.000	ng	0.00
76) Chrysene-d12	14.127	240	411556	20.000	ng	# 0.00
86) Perylene-d12	15.639	264	273812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1373363	120.468	ng	0.00
7) Phenol-d6	6.575	99	1985401	125.901	ng	0.00
23) Nitrobenzene-d5	7.516	82	1271195	81.101	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	438607	129.034	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1565577	79.149	ng	0.00
79) Terphenyl-d14	13.069	244	1690631	68.718	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	47676	8.264	ng	# 86
3) Pyridine	3.604	79	108803	6.955	ng	# 82
4) n-Nitrosodimethylamine	3.505	42	41319	8.551	ng	# 68
6) Aniline	6.616	93	196729	9.777	ng	99
8) 2-Chlorophenol	6.734	128	91744	8.801	ng	97
9) Benzaldehyde	6.504	77	104287	10.511	ng	87
10) Phenol	6.581	94	145933	8.646	ng	93
11) bis(2-Chloroethyl)ether	6.681	93	123573	9.087	ng	95
12) 1,3-Dichlorobenzene	6.887	146	104298	8.886	ng	96
13) 1,4-Dichlorobenzene	6.963	146	106360	8.965	ng	96
14) 1,2-Dichlorobenzene	7.122	146	98673	8.559	ng	98
15) Benzyl Alcohol	7.081	79	119410	9.477	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.216	45	134242	9.163	ng	85
17) 2-Methylphenol	7.181	107	92020	8.977	ng	94
18) Hexachloroethane	7.463	117	41084	8.840	ng	# 87
19) n-Nitroso-di-n-propyla...	7.351	70	93567	9.011	ng	# 84
20) 3+4-Methylphenols	7.340	107	116904	9.055	ng	# 76
22) Acetophenone	7.351	105	152901	9.008	ng	# 88
24) Nitrobenzene	7.528	77	143766	9.240	ng	# 87
25) Isophorone	7.757	82	244950	9.106	ng	# 94
26) 2-Nitrophenol	7.840	139	44659	8.612	ng	# 67
27) 2,4-Dimethylphenol	7.869	122	92051	10.163	ng	90
28) bis(2-Chloroethoxy)met...	7.969	93	154107	9.033	ng	# 98
29) 2,4-Dichlorophenol	8.075	162	78688	8.826	ng	96
30) 1,2,4-Trichlorobenzene	8.169	180	83223	8.680	ng	97
31) Naphthalene	8.251	128	288061	9.395	ng	99
32) Benzoic acid	7.928	122	32855	4.701	ng	# 75
33) 4-Chloroaniline	8.298	127	120585	9.734	ng	# 95
34) Hexachlorobutadiene	8.363	225	50441	8.393	ng	97
35) Caprolactam	8.634	113	26414	8.142	ng	# 79
36) 4-Chloro-3-methylphenol	8.763	107	99170	8.726	ng	# 88
37) 2-Methylnaphthalene	8.939	142	187125	9.904	ng	96
38) 1-Methylnaphthalene	9.039	142	173145	9.521	ng	98
40) 1,2,4,5-Tetrachloroben...	9.104	216	81601	8.653	ng	96
41) Hexachlorocyclopentadiene	9.092	237	50919	9.368	ng	97
43) 2,4,6-Trichlorophenol	9.216	196	54265	8.168	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	60415	8.711	ng	#	90
46) 1,1'-Biphenyl	9.404	154	222729	9.285	ng		96
47) 2-Chloronaphthalene	9.434	162	176555	9.285	ng		99
48) 2-Nitroaniline	9.522	65	65636	8.466	ng		90
49) Acenaphthylene	9.851	152	279505	9.520	ng		98
50) Dimethylphthalate	9.698	163	200283	8.847	ng	#	99
51) 2,6-Dinitrotoluene	9.763	165	41665	8.959	ng	#	83
52) Acenaphthene	10.022	154	170726	9.121	ng		96
53) 3-Nitroaniline	9.934	138	47244	8.915	ng	#	76
54) 2,4-Dinitrophenol	10.039	184	12807	5.228	ng	#	88
55) Dibenzofuran	10.192	168	254859	9.224	ng		98
56) 4-Nitrophenol	10.075	139	32176	8.017	ng	#	77
57) 2,4-Dinitrotoluene	10.163	165	55305	8.774	ng		91
58) Fluorene	10.533	166	195583	9.567	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	48122	8.016	ng	#	83
60) Diethylphthalate	10.404	149	194829	8.758	ng		97
61) 4-Chlorophenyl-phenyle...	10.528	204	93800	9.071	ng		89
62) 4-Nitroaniline	10.545	138	42263	8.404	ng	#	82
63) Azobenzene	10.692	77	277556	8.993	ng		91
65) 4,6-Dinitro-2-methylph...	10.575	198	21656	6.410	ng		90
66) n-Nitrosodiphenylamine	10.645	169	165292	9.230	ng		100
67) 4-Bromophenyl-phenylether	11.022	248	56048	8.793	ng		90
68) Hexachlorobenzene	11.080	284	61957	8.883	ng	#	93
69) Atrazine	11.163	200	52368	9.012	ng		95
70) Pentachlorophenol	11.275	266	30360	7.461	ng		98
71) Phenanthrene	11.504	178	293237	9.507	ng		99
72) Anthracene	11.557	178	301463	9.759	ng		98
73) Carbazole	11.710	167	250705	8.603	ng	#	97
74) Di-n-butylphthalate	12.033	149	293516	8.687	ng		99
75) Fluoranthene	12.692	202	280107	8.929	ng		99
77) Benzidine	12.816	184	139823	14.810	ng		98
78) Pyrene	12.927	202	287227	8.733	ng		99
80) Butylbenzylphthalate	13.539	149	106426	7.798	ng	#	95
81) Benzo(a)anthracene	14.116	228	235481	8.575	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	67298	8.557	ng	#	98
83) Chrysene	14.151	228	229449	8.825	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	148069	8.339	ng	#	99
85) Di-n-octyl phthalate	14.716	149	189482	7.484	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.180	276	131106	7.850	ng	#	90
88) Benzo(b)fluoranthene	15.186	252	172388	9.629	ng	#	94
89) Benzo(k)fluoranthene	15.216	252	158331	8.865	ng	#	96
90) Benzo(a)pyrene	15.574	252	142050	9.953	ng	#	92
91) Dibenzo(a,h)anthracene	17.198	278	109992	8.041	ng	#	93
92) Benzo(g,h,i)perylene	17.651	276	110379	8.169	ng	#	89

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

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