Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072121\
Data File : BP006266.D
Acq On : 21 Jul 2021 16:29
Operator : CG/JU
Sample : M2940-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT3-2021

Quant Time: Jul 21 17:08:41 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 11:55:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	243767	20.000	ng		0.00
21) Naphthalene-d8	10.587	136	984884	20.000	ng	#	0.00
39) Acenaphthene-d10	14.428	164	597536	20.000	ng		0.00
64) Phenanthrene-d10	17.175	188	1205982	20.000	ng	#	0.00
76) Chrysene-d12	21.275	240	1191907	20.000	ng	#	0.00
86) Perylene-d12	23.627	264	1207630	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1612517	110.209	ng		-0.01
7) Phenol-d6	6.975	99	2187325	109.345	ng		0.00
23) Nitrobenzene-d5	8.952	82	1112941	68.046	ng		-0.01
42) 2,4,6-Tribromophenol	15.916	330	595336	96.792	ng		0.00
45) 2-Fluorobiphenyl	13.052	172	2446232	62.314	ng		-0.01
79) Terphenyl-d14	19.751	244	3652137	61.295	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	24913	4.072	ng		94
3) Pyridine	3.740	79	60576	3.557	ng		99
4) n-Nitrosodimethylamine	3.646	42	23308	4.036	ng	#	79
6) Aniline	7.134	93	94369	4.261	ng		95
8) 2-Chlorophenol	7.364	128	62549	3.872	ng		92
9) Benzaldehyde	6.946	77	60979	5.295	ng		95
10) Phenol	6.999	94	77880	3.924	ng		99
11) bis(2-Chloroethyl)ether	7.234	93	62002	4.034	ng		91
12) 1,3-Dichlorobenzene	7.687	146	68764	3.885	ng		99
13) 1,4-Dichlorobenzene	7.834	146	71520	3.986	ng		100
14) 1,2-Dichlorobenzene	8.146	146	68124	3.964	ng		98
15) Benzyl Alcohol	8.040	79	54162	3.761	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.340	45	70234	4.535	ng		96
17) 2-Methylphenol	8.240	107	49059	3.727	ng		96
18) Hexachloroethane	8.869	117	25026	3.923	ng	#	85
19) n-Nitroso-di-n-propyla...	8.611	70	47089	3.843	ng	#	92
20) 3+4-Methylphenols	8.564	107	64128	3.617	ng		97
22) Acetophenone	8.622	105	94927	3.994	ng	#	98
24) Nitrobenzene	8.993	77	74948	4.310	ng		92
25) Isophorone	9.528	82	114891	3.443	ng		97
26) 2-Nitrophenol	9.705	139	22427	3.434	ng	#	90
27) 2,4-Dimethylphenol	9.769	122	54754	4.147	ng		97
28) bis(2-Chloroethoxy)met...	10.011	93	80628	4.280	ng		94
29) 2,4-Dichlorophenol	10.234	162	45058	3.306	ng		96
30) 1,2,4-Trichlorobenzene	10.452	180	57862	3.755	ng		97
31) Naphthalene	10.634	128	204558	3.957	ng		99
32) Benzoic acid	9.816	122	17951	2.191	ng		96
33) 4-Chloroaniline	10.746	127	77587	3.687	ng		95
34) Hexachlorobutadiene	10.922	225	35087	3.841	ng		98
35) Caprolactam	11.528	113	13682	3.336	ng	#	89
36) 4-Chloro-3-methylphenol	11.869	107	55980	3.529	ng		94
37) 2-Methylnaphthalene	12.246	142	140929	3.904	ng		95
38) 1-Methylnaphthalene	12.463	142	131519	3.852	ng		99
40) 1,2,4,5-Tetrachloroben...	12.610	216	64147	3.963	ng	#	97
41) Hexachlorocyclopentadiene	12.593	237	39554	4.464	ng		98
43) 2,4,6-Trichlorophenol	12.857	196	33437	3.294	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	37343	3.424	ng		95
46) 1,1'-Biphenyl	13.263	154	183428	4.165	ng		97
47) 2-Chloronaphthalene	13.299	162	132277	3.901	ng		99
48) 2-Nitroaniline	13.504	65	27768	3.485	ng		95
49) Acenaphthylene	14.146	152	193181	3.579	ng		98
50) Dimethylphthalate	13.893	163	161135	3.843	ng	#	98
51) 2,6-Dinitrotoluene	14.004	165	25210	3.063	ng	#	87
52) Acenaphthene	14.487	154	127597	3.824	ng		98
53) 3-Nitroaniline	14.328	138	27072	3.105	ng	#	85
54) 2,4-Dinitrophenol	14.534	184	10673	3.058	ng	#	89
55) Dibenzofuran	14.822	168	201411	3.823	ng		95
56) 4-Nitrophenol	14.634	139	20424	2.640	ng		84
57) 2,4-Dinitrotoluene	14.787	165	30668	2.889	ng	#	82
58) Fluorene	15.475	166	160135	3.794	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.051	232	29790	3.154	ng	#	80
60) Diethylphthalate	15.263	149	161610	3.735	ng		99
61) 4-Chlorophenyl-phenyle...	15.475	204	77484	3.881	ng		94
62) 4-Nitroaniline	15.493	138	26609	2.922	ng		87
63) Azobenzene	15.769	77	152215	3.493	ng		93
65) 4,6-Dinitro-2-methylph...	15.546	198	13614	2.426	ng		80
66) n-Nitrosodiphenylamine	15.693	169	135328	3.657	ng		98
67) 4-Bromophenyl-phenylether	16.375	248	38328	3.155	ng		95
68) Hexachlorobenzene	16.475	284	50867	3.651	ng		95
69) Atrazine	16.651	200	42944	3.553	ng		97
70) Pentachlorophenol	16.822	266	22948	2.941	ng		98
71) Phenanthrene	17.216	178	257818	3.903	ng		100
72) Anthracene	17.310	178	240018	3.725	ng		99
73) Carbazole	17.581	167	219736	3.402	ng		99
74) Di-n-butylphthalate	18.157	149	238461	3.235	ng		100
75) Fluoranthene	19.192	202	274783	3.625	ng		94
77) Benzidine	19.375	184	128801	3.713	ng		99
78) Pyrene	19.539	202	285078	3.622	ng		99
80) Butylbenzylphthalate	20.439	149	94589	2.837	ng		93
81) Benzo(a)anthracene	21.257	228	276911	3.621	ng		99
82) 3,3'-Dichlorobenzidine	21.198	252	86539	4.086	ng	#	98
83) Chrysene	21.310	228	279647	3.776	ng		99
84) Bis(2-ethylhexyl)phtha...	21.210	149	149744	2.980	ng	#	96
85) Di-n-octyl phthalate	22.122	149	249919	2.964	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.057	276	318061	3.718	ng	#	89
88) Benzo(b)fluoranthene	22.904	252	289996	3.722	ng	#	93
89) Benzo(k)fluoranthene	22.957	252	268049	3.694	ng	#	96
90) Benzo(a)pyrene	23.522	252	261536	3.741	ng	#	95
91) Dibenzo(a,h)anthracene	26.080	278	272999	3.689	ng	#	92
92) Benzo(g,h,i)perylene	26.798	276	269023	3.735	ng	#	87

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

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