Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072121\
Data File : BP006267.D
Acq On : 21 Jul 2021 17:24
Operator : CG/JU
Sample : M2940-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 21 17:51:35 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	7.793	152	253715	20.000	ng		-0.01
21) Naphthalene-d8	10.581	136	1004694	20.000	ng		#-0.01
39) Acenaphthene-d10	14.428	164	592741	20.000	ng		0.00
64) Phenanthrene-d10	17.181	188	1195570	20.000	ng		# 0.00
76) Chrysene-d12	21.275	240	1230281	20.000	ng		# 0.00
86) Perylene-d12	23.627	264	1268542	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	1863942	122.398	ng		-0.02
7) Phenol-d6	6.970	99	2537756	121.889	ng		-0.01
23) Nitrobenzene-d5	8.952	82	1543373	92.503	ng		-0.01
42) 2,4,6-Tribromophenol	15.916	330	686129	112.456	ng		0.00
45) 2-Fluorobiphenyl	13.052	172	3261305	83.749	ng		-0.01
79) Terphenyl-d14	19.757	244	5003006	81.348	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	51460	8.081	ng		93
3) Pyridine	3.734	79	128560	7.253	ng		97
4) n-Nitrosodimethylamine	3.640	42	47515	7.905	ng	#	73
6) Aniline	7.128	93	194921	8.457	ng		96
8) 2-Chlorophenol	7.358	128	126430	7.519	ng		92
9) Benzaldehyde	6.946	77	120449	10.048	ng		96
10) Phenol	6.993	94	156980	7.600	ng		97
11) bis(2-Chloroethyl)ether	7.228	93	127477	7.968	ng		94
12) 1,3-Dichlorobenzene	7.681	146	140479	7.625	ng		97
13) 1,4-Dichlorobenzene	7.828	146	144093	7.715	ng		98
14) 1,2-Dichlorobenzene	8.146	146	134635	7.526	ng		99
15) Benzyl Alcohol	8.034	79	109100	7.279	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.334	45	137477	8.530	ng		97
17) 2-Methylphenol	8.234	107	102574	7.487	ng		95
18) Hexachloroethane	8.869	117	50658	7.630	ng		91
19) n-Nitroso-di-n-propyla...	8.605	70	93945	7.366	ng		94
20) 3+4-Methylphenols	8.564	107	132582	7.185	ng		99
22) Acetophenone	8.616	105	192130	7.924	ng	#	98
24) Nitrobenzene	8.993	77	148725	8.384	ng		91
25) Isophorone	9.522	82	234499	6.889	ng		96
26) 2-Nitrophenol	9.699	139	46946	7.046	ng		91
27) 2,4-Dimethylphenol	9.763	122	113688	8.442	ng		99
28) bis(2-Chloroethoxy)met...	10.005	93	159352	8.293	ng		98
29) 2,4-Dichlorophenol	10.228	162	95966	6.903	ng		95
30) 1,2,4-Trichlorobenzene	10.446	180	117184	7.455	ng		97
31) Naphthalene	10.634	128	402866	7.639	ng		99
32) Benzoic acid	9.822	122	43157	5.164	ng		97
33) 4-Chloroaniline	10.746	127	161495	7.523	ng		98
34) Hexachlorobutadiene	10.922	225	67117	7.202	ng		98
35) Caprolactam	11.528	113	28540	6.822	ng	#	82
36) 4-Chloro-3-methylphenol	11.869	107	116007	7.169	ng		97
37) 2-Methylnaphthalene	12.246	142	279150	7.580	ng		98
38) 1-Methylnaphthalene	12.463	142	259791	7.459	ng		98
40) 1,2,4,5-Tetrachloroben...	12.610	216	126175	7.859	ng	#	97
41) Hexachlorocyclopentadiene	12.593	237	80748	9.186	ng		97
43) 2,4,6-Trichlorophenol	12.852	196	70216	6.973	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	79254	7.325	ng	#	92
46) 1,1'-Biphenyl	13.263	154	359692	8.233	ng		97
47) 2-Chloronaphthalene	13.299	162	261110	7.762	ng		97
48) 2-Nitroaniline	13.504	65	59813	7.567	ng		92
49) Acenaphthylene	14.146	152	408723	7.633	ng		100
50) Dimethylphthalate	13.893	163	320191	7.699	ng		98
51) 2,6-Dinitrotoluene	14.004	165	56719	6.948	ng	#	83
52) Acenaphthene	14.487	154	253625	7.662	ng		98
53) 3-Nitroaniline	14.334	138	60115	6.951	ng	#	84
54) 2,4-Dinitrophenol	14.534	184	22837	6.595	ng	#	91
55) Dibenzofuran	14.822	168	396469	7.586	ng		98
56) 4-Nitrophenol	14.634	139	48888	6.371	ng		87
57) 2,4-Dinitrotoluene	14.793	165	68966	6.549	ng		89
58) Fluorene	15.475	166	320426	7.653	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.046	232	63695	6.799	ng	#	78
60) Diethylphthalate	15.263	149	328778	7.659	ng		98
61) 4-Chlorophenyl-phenyle...	15.481	204	153683	7.760	ng		96
62) 4-Nitroaniline	15.493	138	61615	6.821	ng		84
63) Azobenzene	15.769	77	321842	7.446	ng		92
65) 4,6-Dinitro-2-methylph...	15.551	198	30968	5.568	ng		81
66) n-Nitrosodiphenylamine	15.693	169	275081	7.499	ng		98
67) 4-Bromophenyl-phenylether	16.375	248	75743	6.288	ng		94
68) Hexachlorobenzene	16.475	284	102160	7.396	ng	#	89
69) Atrazine	16.651	200	91628	7.648	ng		95
70) Pentachlorophenol	16.822	266	51318	6.634	ng		96
71) Phenanthrene	17.222	178	508938	7.772	ng		99
72) Anthracene	17.310	178	494067	7.735	ng		99
73) Carbazole	17.587	167	460835	7.197	ng		99
74) Di-n-butylphthalate	18.157	149	518349	7.093	ng		99
75) Fluoranthene	19.192	202	564793	7.515	ng		94
77) Benzidine	19.381	184	307637	8.591	ng		100
78) Pyrene	19.545	202	584585	7.196	ng		99
80) Butylbenzylphthalate	20.445	149	215852	6.272	ng		93
81) Benzo(a)anthracene	21.263	228	576284	7.300	ng		100
82) 3,3'-Dichlorobenzidine	21.204	252	194457	8.895	ng	#	96
83) Chrysene	21.316	228	574298	7.513	ng		100
84) Bis(2-ethylhexyl)phtha...	21.216	149	346244	6.675	ng		98
85) Di-n-octyl phthalate	22.128	149	567749	6.524	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.068	276	674230	7.502	ng	#	89
88) Benzo(b)fluoranthene	22.916	252	614224	7.504	ng	#	96
89) Benzo(k)fluoranthene	22.963	252	570526	7.486	ng	#	96
90) Benzo(a)pyrene	23.522	252	562604	7.661	ng	#	94
91) Dibenzo(a,h)anthracene	26.092	278	579847	7.459	ng	#	92
92) Benzo(g,h,i)perylene	26.810	276	568876	7.518	ng	#	90

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

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