Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072121\
Data File : BP006268.D
Acq On : 21 Jul 2021 18:16
Operator : CG/JU
Sample : M2940-08
Misc : LOQ-WATER 5ppm
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT3-2021

Quant Time: Jul 21 18:42:25 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	318154	20.000	ng		-0.01
21) Naphthalene-d8	10.581	136	1300895	20.000	ng		#-0.01
39) Acenaphthene-d10	14.428	164	770170	20.000	ng		0.00
64) Phenanthrene-d10	17.181	188	1513750	20.000	ng		# 0.00
76) Chrysene-d12	21.275	240	1465235	20.000	ng		# 0.00
86) Perylene-d12	23.633	264	1513778	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	2235575	117.068	ng		-0.01
7) Phenol-d6	6.969	99	3000061	114.908	ng		-0.01
23) Nitrobenzene-d5	8.952	82	1697643	78.582	ng		-0.01
42) 2,4,6-Tribromophenol	15.916	330	762306	96.158	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	3496091	69.095	ng		0.00
79) Terphenyl-d14	19.757	244	5137437	70.139	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	45454	5.692	ng		94
3) Pyridine	3.740	79	107156	4.821	ng		99
4) n-Nitrosodimethylamine	3.652	42	41075	5.450	ng	#	79
6) Aniline	7.128	93	167696	5.802	ng		98
8) 2-Chlorophenol	7.358	128	107126	5.080	ng		91
9) Benzaldehyde	6.946	77	101426	6.747	ng		90
10) Phenol	6.993	94	136417	5.267	ng		98
11) bis(2-Chloroethyl)ether	7.234	93	107657	5.366	ng		91
12) 1,3-Dichlorobenzene	7.681	146	118861	5.145	ng		97
13) 1,4-Dichlorobenzene	7.834	146	121558	5.190	ng		98
14) 1,2-Dichlorobenzene	8.146	146	114724	5.114	ng		96
15) Benzyl Alcohol	8.040	79	93842	4.993	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.322	45	117215	5.799	ng		95
17) 2-Methylphenol	8.234	107	85749	4.991	ng		97
18) Hexachloroethane	8.869	117	42139	5.061	ng		90
19) n-Nitroso-di-n-propyla...	8.605	70	78385	4.901	ng		94
20) 3+4-Methylphenols	8.563	107	112704	4.871	ng		98
22) Acetophenone	8.616	105	164133	5.228	ng	#	98
24) Nitrobenzene	8.993	77	125550	5.466	ng		93
25) Isophorone	9.522	82	196588	4.460	ng		96
26) 2-Nitrophenol	9.699	139	39737	4.606	ng		94
27) 2,4-Dimethylphenol	9.763	122	93081	5.338	ng		99
28) bis(2-Chloroethoxy)met...	10.010	93	135063	5.429	ng		97
29) 2,4-Dichlorophenol	10.228	162	78768	4.376	ng		95
30) 1,2,4-Trichlorobenzene	10.446	180	100989	4.962	ng		95
31) Naphthalene	10.634	128	341076	4.995	ng		99
32) Benzoic acid	9.822	122	33907	3.133	ng		95
33) 4-Chloroaniline	10.746	127	132322	4.761	ng		98
34) Hexachlorobutadiene	10.922	225	56221	4.659	ng		97
35) Caprolactam	11.522	113	23169	4.277	ng		85
36) 4-Chloro-3-methylphenol	11.869	107	96058	4.585	ng		95
37) 2-Methylnaphthalene	12.246	142	232263	4.871	ng		98
38) 1-Methylnaphthalene	12.463	142	215303	4.774	ng		98
40) 1,2,4,5-Tetrachloroben...	12.610	216	103118	4.943	ng	#	96
41) Hexachlorocyclopentadiene	12.593	237	62254	5.451	ng		97
43) 2,4,6-Trichlorophenol	12.857	196	57978	4.431	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	64467	4.586	ng	#	92
46) 1,1'-Biphenyl	13.263	154	297510	5.241	ng		96
47) 2-Chloronaphthalene	13.299	162	213771	4.891	ng		96
48) 2-Nitroaniline	13.504	65	48257	4.698	ng		94
49) Acenaphthylene	14.146	152	331799	4.769	ng		99
50) Dimethylphthalate	13.893	163	260632	4.823	ng		100
51) 2,6-Dinitrotoluene	14.004	165	45000	4.243	ng	#	84
52) Acenaphthene	14.487	154	208952	4.858	ng		100
53) 3-Nitroaniline	14.328	138	47787	4.253	ng	#	81
54) 2,4-Dinitrophenol	14.534	184	17902	3.979	ng	#	89
55) Dibenzofuran	14.822	168	326716	4.811	ng		97
56) 4-Nitrophenol	14.634	139	37885	3.800	ng		86
57) 2,4-Dinitrotoluene	14.793	165	54392	3.975	ng	#	87
58) Fluorene	15.475	166	260392	4.787	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	51834	4.258	ng	#	80
60) Diethylphthalate	15.263	149	261536	4.689	ng		99
61) 4-Chlorophenyl-phenyle...	15.475	204	122115	4.746	ng		92
62) 4-Nitroaniline	15.493	138	47466	4.044	ng		83
63) Azobenzene	15.775	77	255586	4.551	ng		94
65) 4,6-Dinitro-2-methylph...	15.551	198	24552	3.486	ng		81
66) n-Nitrosodiphenylamine	15.693	169	220710	4.752	ng		100
67) 4-Bromophenyl-phenylether	16.375	248	60829	3.989	ng	#	90
68) Hexachlorobenzene	16.475	284	81674	4.670	ng	#	89
69) Atrazine	16.651	200	72151	4.756	ng		95
70) Pentachlorophenol	16.822	266	39642	4.048	ng		98
71) Phenanthrene	17.222	178	414236	4.996	ng		99
72) Anthracene	17.310	178	393369	4.864	ng		99
73) Carbazole	17.587	167	365806	4.512	ng		99
74) Di-n-butylphthalate	18.157	149	402392	4.349	ng		100
75) Fluoranthene	19.192	202	446786	4.695	ng		93
77) Benzidine	19.381	184	209147	4.904	ng		100
78) Pyrene	19.545	202	463999	4.796	ng		99
80) Butylbenzylphthalate	20.445	149	160082	3.906	ng		95
81) Benzo(a)anthracene	21.263	228	447238	4.757	ng		99
82) 3,3'-Dichlorobenzidine	21.204	252	144498	5.550	ng	#	99
83) Chrysene	21.316	228	445219	4.891	ng		100
84) Bis(2-ethylhexyl)phtha...	21.210	149	253388	4.102	ng	#	97
85) Di-n-octyl phthalate	22.127	149	416276	4.016	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.063	276	509163	4.748	ng	#	89
88) Benzo(b)fluoranthene	22.916	252	461297	4.723	ng	#	96
89) Benzo(k)fluoranthene	22.963	252	434759	4.780	ng	#	96
90) Benzo(a)pyrene	23.527	252	422386	4.820	ng	#	96
91) Dibenzo(a,h)anthracene	26.086	278	434849	4.688	ng	#	93
92) Benzo(g,h,i)perylene	26.810	276	426928	4.728	ng	#	89

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

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