Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111521\
Data File : BP007985.D
Acq On : 15 Nov 2021 17:04
Operator : CG/JU
Sample : M4068-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 16 03:49:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 03:49:08 2021
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/16/2021
Supervised By :mohammad ahmed 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	141274	20.000	ng		0.00
21) Naphthalene-d8	10.634	136	511829	20.000	ng	#	0.00
39) Acenaphthene-d10	14.475	164	363236	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	826718	20.000	ng	#	0.00
76) Chrysene-d12	21.327	240	1041419	20.000	ng	#	0.00
86) Perylene-d12	23.733	264	1217706	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1021377	117.283	ng		0.00
7) Phenol-d6	7.016	99	1393229	120.256	ng		0.00
23) Nitrobenzene-d5	8.999	82	839017	87.722	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	768491	134.467	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	1966282	75.932	ng		0.00
79) Terphenyl-d14	19.804	244	3353328	65.291	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	24670	6.731	ng		100
3) Pyridine	3.740	79	62630	5.957	ng		92
4) n-Nitrosodimethylamine	3.646	42	30098	7.751	ng		100
6) Aniline	7.169	93	110846	8.473	ng		96
8) 2-Chlorophenol	7.405	128	72318	7.855	ng		98
9) Benzaldehyde	6.981	77	60102m	8.043	ng		
10) Phenol	7.040	94	85091	7.570	ng		89
11) bis(2-Chloroethyl)ether	7.263	93	69698	7.545	ng		93
12) 1,3-Dichlorobenzene	7.728	146	82356	7.954	ng		100
13) 1,4-Dichlorobenzene	7.875	146	84312	8.010	ng		99
14) 1,2-Dichlorobenzene	8.193	146	81497	7.667	ng		98
15) Benzyl Alcohol	8.081	79	65291	7.451	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.375	45	82676	7.406	ng		97
17) 2-Methylphenol	8.287	107	58362	7.539	ng		98
18) Hexachloroethane	8.916	117	28612	8.016	ng		94
19) n-Nitroso-di-n-propyla...	8.646	70	53372	7.400	ng		96
20) 3+4-Methylphenols	8.616	107	78086	7.279	ng		98
22) Acetophenone	8.663	105	107764	8.277	ng	#	97
24) Nitrobenzene	9.040	77	85230	9.324	ng		95
25) Isophorone	9.569	82	140922	8.471	ng		96
26) 2-Nitrophenol	9.752	139	35141	7.530	ng	#	88
27) 2,4-Dimethylphenol	9.816	122	65378	9.484	ng		95
28) bis(2-Chloroethoxy)met...	10.052	93	90382	8.188	ng		98
29) 2,4-Dichlorophenol	10.287	162	66969	7.892	ng		95
30) 1,2,4-Trichlorobenzene	10.504	180	77689	8.001	ng		97
31) Naphthalene	10.687	128	211093	8.076	ng		98
32) Benzoic acid	9.910	122	24361	4.090	ng		98
33) 4-Chloroaniline	10.799	127	86975	7.748	ng		97
34) Hexachlorobutadiene	10.975	225	54609	8.231	ng		97
35) Caprolactam	11.581	113	18582	9.971	ng	#	91
36) 4-Chloro-3-methylphenol	11.928	107	72013	7.510	ng		98
37) 2-Methylnaphthalene	12.298	142	158118	8.278	ng		98
38) 1-Methylnaphthalene	12.516	142	150969	8.104	ng		98
40) 1,2,4,5-Tetrachloroben...	12.669	216	92358	7.631	ng		97
41) Hexachlorocyclopentadiene	12.651	237	38439	6.917	ng		99
43) 2,4,6-Trichlorophenol	12.910	196	57160	6.911	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	65108	7.246	ng		97
46) 1,1'-Biphenyl	13.310	154	201900	7.442	ng		98
47) 2-Chloronaphthalene	13.351	162	164577	7.755	ng		99
48) 2-Nitroaniline	13.557	65	41476	6.886	ng		99
49) Acenaphthylene	14.198	152	254029	7.869	ng		99
50) Dimethylphthalate	13.940	163	215668	7.505	ng		98
51) 2,6-Dinitrotoluene	14.051	165	44513	7.456	ng		98
52) Acenaphthene	14.540	154	155537	8.049	ng		97
53) 3-Nitroaniline	14.381	138	43403	7.130	ng		94
54) 2,4-Dinitrophenol	14.598	184	19184	5.325	ng		92
55) Dibenzofuran	14.875	168	260263	7.920	ng		99
56) 4-Nitrophenol	14.704	139	32360	6.523	ng		96
57) 2,4-Dinitrotoluene	14.845	165	57941	7.291	ng	#	96
58) Fluorene	15.528	166	205023	7.841	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.110	232	59705m	7.295	ng		
60) Diethylphthalate	15.304	149	211099	7.621	ng		99
61) 4-Chlorophenyl-phenyle...	15.522	204	113474	8.024	ng		99
62) 4-Nitroaniline	15.545	138	43491	6.952	ng	#	84
63) Azobenzene	15.816	77	181882	7.799	ng		99
65) 4,6-Dinitro-2-methylph...	15.616	198	31523	5.818	ng		89
66) n-Nitrosodiphenylamine	15.739	169	181572	7.673	ng		97
67) 4-Bromophenyl-phenylether	16.422	248	73490	7.601	ng		97
68) Hexachlorobenzene	16.539	284	84793	7.786	ng		96
69) Atrazine	16.698	200	72265	11.713	ng		98
70) Pentachlorophenol	16.892	266	45697	6.882	ng		98
71) Phenanthrene	17.275	178	341544	7.755	ng		99
72) Anthracene	17.369	178	345720	8.007	ng		100
73) Carbazole	17.639	167	313094	7.364	ng		99
74) Di-n-butylphthalate	18.198	149	346069	7.192	ng		99
75) Fluoranthene	19.245	202	435287	7.806	ng		98
77) Benzidine	19.427	184	228159	14.279	ng		99
78) Pyrene	19.598	202	461798	7.415	ng		100
80) Butylbenzylphthalate	20.480	149	168427	6.550	ng		93
81) Benzo(a)anthracene	21.310	228	510743	7.450	ng		99
82) 3,3'-Dichlorobenzidine	21.245	252	193003	6.099	ng		99
83) Chrysene	21.363	228	514138	7.824	ng		99
84) Bis(2-ethylhexyl)phtha...	21.245	149	268360	7.309	ng	#	96
85) Di-n-octyl phthalate	22.169	149	473747	7.002	ng		97
87) Indeno(1,2,3-cd)pyrene	26.239	276	704568	8.014	ng	#	94
88) Benzo(b)fluoranthene	22.998	252	566330	7.813	ng		98
89) Benzo(k)fluoranthene	23.045	252	580074m	8.011	ng		
90) Benzo(a)pyrene	23.627	252	561723	9.061	ng	#	96
91) Dibenzo(a,h)anthracene	26.257	278	599905	8.226	ng		97
92) Benzo(g,h,i)perylene	27.009	276	595472	8.283	ng	#	93

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

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