Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111821\
Data File : BP008021.D
Acq On : 18 Nov 2021 17:53
Operator : CG/JU
Sample : M4713-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2-COMPMSD

Quant Time: Nov 19 02:23:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 05:36:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.834	152	108637	20.000	ng		0.00
21) Naphthalene-d8	10.628	136	402619	20.000	ng		-0.01
39) Acenaphthene-d10	14.475	164	237789	20.000	ng		0.00
64) Phenanthrene-d10	17.228	188	521639	20.000	ng		#-0.01
76) Chrysene-d12	21.322	240	647611	20.000	ng		-0.01
86) Perylene-d12	23.721	264	756306	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	694925	103.770	ng		0.00
7) Phenol-d6	7.011	99	841582	94.464	ng		-0.01
23) Nitrobenzene-d5	8.993	82	515929	68.574	ng		-0.01
42) 2,4,6-Tribromophenol	15.969	330	418522	111.865	ng		0.00
45) 2-Fluorobiphenyl	13.098	172	1253484	73.943	ng		0.00
79) Terphenyl-d14	19.792	244	2177374	68.175	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	100933	35.812	ng		94
3) Pyridine	3.728	79	257711	31.877	ng		97
4) n-Nitrosodimethylamine	3.634	42	127760	42.785	ng		95
6) Aniline	7.163	93	280434	27.875	ng		97
8) 2-Chlorophenol	7.399	128	323073	45.631	ng		96
9) Benzaldehyde	6.975	77	170217	33.945	ng		93
10) Phenol	7.040	94	384797	44.519	ng		96
11) bis(2-Chloroethyl)ether	7.258	93	275452	38.778	ng		98
12) 1,3-Dichlorobenzene	7.722	146	347566	43.655	ng		98
13) 1,4-Dichlorobenzene	7.869	146	353339	43.652	ng		100
14) 1,2-Dichlorobenzene	8.187	146	338423	41.405	ng		98
15) Benzyl Alcohol	8.075	79	291105	43.199	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.369	45	310804	41.478	ng		94
17) 2-Methylphenol	8.287	107	260461	43.755	ng		98
18) Hexachloroethane	8.910	117	124388	45.318	ng		92
19) n-Nitroso-di-n-propyla...	8.646	70	208615	37.615	ng		95
20) 3+4-Methylphenols	8.610	107	348439	42.240	ng		97
22) Acetophenone	8.658	105	440212	42.985	ng	#	97
24) Nitrobenzene	9.034	77	321663	44.735	ng		96
25) Isophorone	9.569	82	563687	43.074	ng		98
26) 2-Nitrophenol	9.746	139	169651	46.215	ng	#	94
27) 2,4-Dimethylphenol	9.816	122	281373	51.891	ng		97
28) bis(2-Chloroethoxy)met...	10.046	93	353921	40.758	ng		99
29) 2,4-Dichlorophenol	10.287	162	316693	47.444	ng		97
30) 1,2,4-Trichlorobenzene	10.499	180	340588	44.593	ng		99
31) Naphthalene	10.681	128	899436	43.747	ng		98
32) Benzoic acid	9.969	122	212453	45.340	ng		99
33) 4-Chloroaniline	10.793	127	122826	13.909	ng		99
34) Hexachlorobutadiene	10.975	225	239211	45.837	ng		99
35) Caprolactam	11.593	113	94818	64.681	ng	#	88
36) 4-Chloro-3-methylphenol	11.928	107	329989	43.751	ng		98
37) 2-Methylnaphthalene	12.293	142	662918	44.122	ng		98
38) 1-Methylnaphthalene	12.510	142	616289	42.055	ng		99
40) 1,2,4,5-Tetrachloroben...	12.663	216	392082	49.488	ng		99
41) Hexachlorocyclopentadiene	12.646	237	504780	124.495	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	270404	49.945	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.981	196	289388	49.195	ng		95
46) 1,1'-Biphenyl	13.304	154	821244	46.240	ng		97
47) 2-Chloronaphthalene	13.346	162	660510	47.541	ng		99
48) 2-Nitroaniline	13.551	65	190425	48.291	ng		98
49) Acenaphthylene	14.193	152	967538	45.780	ng		98
50) Dimethylphthalate	13.940	163	815006	43.322	ng		99
51) 2,6-Dinitrotoluene	14.051	165	180119	46.086	ng		96
52) Acenaphthene	14.540	154	572931	45.289	ng		98
53) 3-Nitroaniline	14.381	138	91953	23.075	ng	#	97
54) 2,4-Dinitrophenol	14.592	184	232675	98.648	ng	#	89
55) Dibenzofuran	14.875	168	932718	43.356	ng		98
56) 4-Nitrophenol	14.704	139	306010	94.226	ng		90
57) 2,4-Dinitrotoluene	14.840	165	253713	48.768	ng	#	92
58) Fluorene	15.522	166	752310	43.952	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	247278	46.153	ng		94
60) Diethylphthalate	15.304	149	814972	44.943	ng		98
61) 4-Chlorophenyl-phenyle...	15.522	204	416213	44.961	ng		97
62) 4-Nitroaniline	15.545	138	174590	42.631	ng		89
63) Azobenzene	15.816	77	669420	43.849	ng		95
65) 4,6-Dinitro-2-methylph...	15.610	198	149754	43.804	ng		92
66) n-Nitrosodiphenylamine	15.734	169	681247	45.625	ng		98
67) 4-Bromophenyl-phenylether	16.416	248	279283	45.777	ng		98
68) Hexachlorobenzene	16.534	284	324026	47.157	ng		94
69) Atrazine	16.698	200	289157	74.281	ng		98
70) Pentachlorophenol	16.881	266	423256	101.015	ng		96
71) Phenanthrene	17.269	178	1248337	44.920	ng		100
72) Anthracene	17.363	178	1287669	47.265	ng		100
73) Carbazole	17.634	167	1166564	43.482	ng		99
74) Di-n-butylphthalate	18.192	149	1451636	47.811	ng		99
75) Fluoranthene	19.245	202	1623445	46.137	ng		96
77) Benzidine	19.422	184	870816	87.638	ng		99
78) Pyrene	19.598	202	1701757	43.941	ng		99
80) Butylbenzylphthalate	20.475	149	772811	48.329	ng		93
81) Benzo(a)anthracene	21.310	228	1911516	44.835	ng		100
82) 3,3'-Dichlorobenzidine	21.239	252	403438	20.501	ng	#	98
83) Chrysene	21.363	228	1915765	46.881	ng		99
84) Bis(2-ethylhexyl)phtha...	21.239	149	1112543	48.729	ng	#	96
85) Di-n-octyl phthalate	22.163	149	2081096	49.461	ng		96
87) Indeno(1,2,3-cd)pyrene	26.233	276	2564474	46.964	ng	#	93
88) Benzo(b)fluoranthene	22.998	252	2177071	48.359	ng	#	98
89) Benzo(k)fluoranthene	23.045	252	2180501	48.484	ng	#	97
90) Benzo(a)pyrene	23.621	252	2080727	54.038	ng	#	97
91) Dibenzo(a,h)anthracene	26.251	278	2166168	47.821	ng	#	96
92) Benzo(g,h,i)perylene	26.998	276	2176202	48.738	ng	#	94

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

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