Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031822\
Data File : BP009451.D
Acq On : 18 Mar 2022 11:19
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Mar 18 14:15:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 18:26:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	334909	20.000	ng		0.00
21) Naphthalene-d8	10.599	136	1271458	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	790932	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1631511	20.000	ng		0.00
76) Chrysene-d12	21.322	240	1715030	20.000	ng		0.00
86) Perylene-d12	23.733	264	1925563	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	1515590	79.010	ng		0.00
7) Phenol-d6	6.993	99	1978038	76.251	ng		0.00
23) Nitrobenzene-d5	8.963	82	1867993	78.073	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	970005	74.320	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	4397538	77.077	ng		0.00
79) Terphenyl-d14	19.786	244	7018124	73.449	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	305849	40.255	ng		97
3) Pyridine	3.723	79	815161	39.836	ng		99
4) n-Nitrosodimethylamine	3.634	42	300758	39.908	ng		98
6) Aniline	7.134	93	1140753	38.584	ng		98
8) 2-Chlorophenol	7.375	128	832061	38.040	ng		97
9) Benzaldehyde	6.946	77	485825	38.933	ng		95
10) Phenol	7.022	94	986085	37.889	ng		97
11) bis(2-Chloroethyl)ether	7.234	93	787444	38.231	ng		96
12) 1,3-Dichlorobenzene	7.693	146	945509	38.299	ng		98
13) 1,4-Dichlorobenzene	7.840	146	963687	38.179	ng		100
14) 1,2-Dichlorobenzene	8.152	146	929898	38.115	ng		100
15) Benzyl Alcohol	8.052	79	772208	37.336	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.334	45	861210	38.573	ng		95
17) 2-Methylphenol	8.263	107	671617	37.449	ng		98
18) Hexachloroethane	8.881	117	335980	37.981	ng		93
19) n-Nitroso-di-n-propyla...	8.616	70	609374	37.139	ng		97
20) 3+4-Methylphenols	8.593	107	922663	37.415	ng		99
22) Acetophenone	8.628	105	1213376	38.557	ng	#	97
24) Nitrobenzene	9.005	77	880044	38.936	ng		97
25) Isophorone	9.534	82	1567441	38.406	ng		97
26) 2-Nitrophenol	9.716	139	457047	38.794	ng		93
27) 2,4-Dimethylphenol	9.787	122	643217	38.692	ng		98
28) bis(2-Chloroethoxy)met...	10.016	93	1012018	38.084	ng		98
29) 2,4-Dichlorophenol	10.263	162	763518	37.653	ng		99
30) 1,2,4-Trichlorobenzene	10.463	180	903044	38.438	ng		98
31) Naphthalene	10.646	128	2509782	38.322	ng		100
32) Benzoic acid	9.975	122	526497	40.508	ng		94
33) 4-Chloroaniline	10.763	127	1017751	38.082	ng		98
34) Hexachlorobutadiene	10.940	225	605760	38.054	ng		99
35) Caprolactam	11.563	113	258789	37.815	ng		90
36) 4-Chloro-3-methylphenol	11.910	107	829038	38.047	ng		99
37) 2-Methylnaphthalene	12.263	142	1735747	37.773	ng		99
38) 1-Methylnaphthalene	12.481	142	1683690	37.612	ng		99
40) 1,2,4,5-Tetrachloroben...	12.640	216	1009229	38.458	ng		98
41) Hexachlorocyclopentadiene	12.616	237	387532	38.123	ng		98
43) 2,4,6-Trichlorophenol	12.887	196	679928	39.090	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	736423	38.988	ng		97
46) 1,1'-Biphenyl	13.281	154	2270902	38.487	ng		99
47) 2-Chloronaphthalene	13.322	162	1792453	38.585	ng		99
48) 2-Nitroaniline	13.528	65	502701	39.732	ng		97
49) Acenaphthylene	14.169	152	2775474	38.703	ng		100
50) Dimethylphthalate	13.910	163	2239262	37.364	ng		99
51) 2,6-Dinitrotoluene	14.028	165	480972	38.303	ng		95
52) Acenaphthene	14.510	154	1650643	38.532	ng		99
53) 3-Nitroaniline	14.357	138	517777	39.039	ng		97
54) 2,4-Dinitrophenol	14.569	184	275632	37.856	ng		98
55) Dibenzofuran	14.851	168	2757303	38.313	ng		100
56) 4-Nitrophenol	14.693	139	382297	38.669	ng		99
57) 2,4-Dinitrotoluene	14.822	165	663040	38.402	ng		94
58) Fluorene	15.504	166	2135621	37.731	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.087	232	666110	38.900	ng		93
60) Diethylphthalate	15.281	149	2213205	36.898	ng		99
61) 4-Chlorophenyl-phenyle...	15.498	204	1170393	37.538	ng		97
62) 4-Nitroaniline	15.528	138	522286	37.497	ng		96
63) Azobenzene	15.793	77	2012889	38.577	ng		96
65) 4,6-Dinitro-2-methylph...	15.592	198	433341	41.306	ng		94
66) n-Nitrosodiphenylamine	15.716	169	1883622	39.014	ng		98
67) 4-Bromophenyl-phenylether	16.398	248	769543	38.546	ng		94
68) Hexachlorobenzene	16.516	284	881129	38.349	ng		96
69) Atrazine	16.675	200	666741	39.278	ng		99
70) Pentachlorophenol	16.869	266	517139	42.104	ng		98
71) Phenanthrene	17.251	178	3398967	38.919	ng		100
72) Anthracene	17.345	178	3363783	39.010	ng		100
73) Carbazole	17.622	167	3233578	38.345	ng		100
74) Di-n-butylphthalate	18.181	149	3775333	38.204	ng		99
75) Fluoranthene	19.233	202	4115810	38.927	ng		98
77) Benzidine	19.416	184	1567132	37.279	ng		99
78) Pyrene	19.586	202	4202176	37.183	ng		100
80) Butylbenzylphthalate	20.469	149	1791554	37.297	ng		95
81) Benzo(a)anthracene	21.310	228	4371049	38.793	ng		100
82) 3,3'-Dichlorobenzidine	21.239	252	1656598	38.058	ng		98
83) Chrysene	21.363	228	4119247	38.608	ng		100
84) Bis(2-ethylhexyl)phtha...	21.239	149	2498811	37.321	ng		99
85) Di-n-octyl phthalate	22.169	149	4441998	38.490	ng		97
87) Indeno(1,2,3-cd)pyrene	26.251	276	5677732	38.865	ng	#	95
88) Benzo(b)fluoranthene	22.998	252	4445477	38.673	ng		98
89) Benzo(k)fluoranthene	23.045	252	4390355	39.009	ng		98
90) Benzo(a)pyrene	23.627	252	3859306	39.241	ng	#	98
91) Dibenzo(a,h)anthracene	26.263	278	4721121	38.776	ng	#	96
92) Benzo(g,h,i)perylene	27.015	276	4670105	38.990	ng	#	95

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

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