Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011623\
Data File : BP013474.D
Acq On : 16 Jan 2023 10:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jan 17 03:40:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 03:32:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	538746	20.000	ng		0.00
21) Naphthalene-d8	10.722	136	2204445	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	1485111	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	3440237	20.000	ng		0.00
76) Chrysene-d12	21.410	240	3510523	20.000	ng		0.00
86) Perylene-d12	23.874	264	4046923	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	2469429	80.518	ng		0.00
7) Phenol-d6	7.075	99	3433565	79.202	ng		0.00
23) Nitrobenzene-d5	9.081	82	3311168	79.800	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	1884308	81.284	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	8123757	79.965	ng		0.00
79) Terphenyl-d14	19.869	244	12704022	73.985	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	493592	41.042	ng		100
3) Pyridine	3.746	79	1444019	38.514	ng		99
4) n-Nitrosodimethylamine	3.652	42	727216	40.448	ng		98
6) Aniline	7.234	93	2267034	39.133	ng		100
8) 2-Chlorophenol	7.469	128	1399008	39.415	ng		99
9) Benzaldehyde	7.046	77	992502	37.926	ng		99
10) Phenol	7.099	94	1778805	39.752	ng		99
11) bis(2-Chloroethyl)ether	7.328	93	1417550	39.080	ng		98
12) 1,3-Dichlorobenzene	7.793	146	1484811	39.706	ng		99
13) 1,4-Dichlorobenzene	7.946	146	1504240	39.470	ng		98
14) 1,2-Dichlorobenzene	8.263	146	1446308	38.845	ng		99
15) Benzyl Alcohol	8.152	79	1298369	38.868	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.440	45	2190682	39.037	ng		99
17) 2-Methylphenol	8.357	107	1283680	38.752	ng		98
18) Hexachloroethane	8.987	117	536672	39.764	ng		96
19) n-Nitroso-di-n-propyla...	8.722	70	1217193	39.337	ng		99
20) 3+4-Methylphenols	8.687	107	1783549	38.754	ng		99
22) Acetophenone	8.740	105	2226776	39.444	ng	#	100
24) Nitrobenzene	9.122	77	1705957	39.747	ng		99
25) Isophorone	9.651	82	3372580	39.487	ng		99
26) 2-Nitrophenol	9.834	139	840740	39.627	ng		99
27) 2,4-Dimethylphenol	9.893	122	1398556	40.043	ng		100
28) bis(2-Chloroethoxy)met...	10.128	93	2000537	39.714	ng		100
29) 2,4-Dichlorophenol	10.369	162	1478063	40.330	ng		99
30) 1,2,4-Trichlorobenzene	10.581	180	1533601	39.539	ng		99
31) Naphthalene	10.775	128	4581683	39.304	ng		99
32) Benzoic acid	10.051	122	1223548	42.001	ng		97
33) 4-Chloroaniline	10.887	127	2107298	39.574	ng		100
34) Hexachlorobutadiene	11.051	225	980275	40.094	ng		100
35) Caprolactam	11.698	113	520697	39.873	ng		97
36) 4-Chloro-3-methylphenol	12.010	107	1593231	39.893	ng		100
37) 2-Methylnaphthalene	12.381	142	3465221	39.596	ng		99
38) 1-Methylnaphthalene	12.598	142	3272499	39.639	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	1932860	39.707	ng		99
41) Hexachlorocyclopentadiene	12.722	237	1052921	41.484	ng		99
43) 2,4,6-Trichlorophenol	12.992	196	1333758	39.850	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	1588887	40.457	ng	99
46) 1,1'-Biphenyl	13.392	154	4438039	39.526	ng	100
47) 2-Chloronaphthalene	13.434	162	3380429	39.254	ng	99
48) 2-Nitroaniline	13.645	65	1138798	40.175	ng	98
49) Acenaphthylene	14.281	152	5616770	39.551	ng	100
50) Dimethylphthalate	14.022	163	4716290	40.049	ng	99
51) 2,6-Dinitrotoluene	14.139	165	1039065	40.447	ng	99
52) Acenaphthene	14.622	154	3321347	39.514	ng	99
53) 3-Nitroaniline	14.475	138	1119684	40.739	ng	100
54) 2,4-Dinitrophenol	14.681	184	721619	41.340	ng	100
55) Dibenzofuran	14.957	168	5538283	39.740	ng	99
56) 4-Nitrophenol	14.781	139	922150	41.758	ng	98
57) 2,4-Dinitrotoluene	14.934	165	1448464	41.232	ng	99
58) Fluorene	15.610	166	4426138	40.246	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	1366363	40.234	ng	99
60) Diethylphthalate	15.381	149	4652092	40.369	ng	100
61) 4-Chlorophenyl-phenyle...	15.598	204	2376618	40.692	ng	99
62) 4-Nitroaniline	15.639	138	1176323	41.804	ng	100
63) Azobenzene	15.898	77	4298874	40.627	ng	98
65) 4,6-Dinitro-2-methylph...	15.698	198	975735	41.472	ng	99
66) n-Nitrosodiphenylamine	15.822	169	3997603	39.545	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	1567402	39.578	ng	100
68) Hexachlorobenzene	16.622	284	1706284	39.564	ng	97
69) Atrazine	16.775	200	1493007	40.325	ng	99
70) Pentachlorophenol	16.969	266	1316116	41.639	ng	99
71) Phenanthrene	17.363	178	7206439	39.701	ng	100
72) Anthracene	17.451	178	7419432	40.169	ng	100
73) Carbazole	17.727	167	6772961	40.260	ng	100
74) Di-n-butylphthalate	18.269	149	8223816	42.116	ng	100
75) Fluoranthene	19.327	202	8991175	41.237	ng	100
77) Benzidine	19.510	184	4444782	42.611	ng	100
78) Pyrene	19.680	202	9275114	40.171	ng	100
80) Butylbenzylphthalate	20.545	149	3932490	39.401	ng	97
81) Benzo(a)anthracene	21.398	228	9501048	40.188	ng	100
82) 3,3'-Dichlorobenzidine	21.327	252	3505886	39.692	ng	98
83) Chrysene	21.451	228	8973264	40.171	ng	100
84) Bis(2-ethylhexyl)phtha...	21.304	149	5720103	39.604	ng	100
85) Di-n-octyl phthalate	22.245	149	9920466	40.460	ng	100
87) Indeno(1,2,3-cd)pyrene	26.462	276	11101630	37.933	ng	100
88) Benzo(b)fluoranthene	23.121	252	9500392	39.538	ng	99
89) Benzo(k)fluoranthene	23.174	252	9587601	41.109	ng	100
90) Benzo(a)pyrene	23.768	252	9354881	39.630	ng	100
91) Dibenzo(a,h)anthracene	26.474	278	9258619	37.995	ng	100
92) Benzo(g,h,i)perylene	27.251	276	8925933	37.124	ng	99

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

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