Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP011972.D
Acq On : 06 Oct 2022 16:15
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020769

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 06 23:07:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 05 23:18:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	241403	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	967585	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	565620	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	1152913	20.000	ng/ul	0.00
79) Chrysene-d12	21.369	240	1177779	20.000	ng/ul	0.00
88) Perylene-d12	23.798	264	1207455	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	49941	9.124	ng/uL	0.00
4) Pyridine-d5	3.722	84	332204	20.720	ng/ul	0.00
7) Phenol-d5	7.046	99	396807	19.040	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	223086	19.312	ng/ul	0.00
11) 2-Chlorophenol-d4	7.411	132	328440	19.964	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	307256	17.835	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	154807	21.005	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	161940	20.538	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	304135	20.853	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	423588	19.051	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	800844	19.799	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	974612	21.136	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	158387	18.910	ng/ul	0.00
60) Fluorene-d10	15.522	176	716307	20.392	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	124785	17.882	ng/ul	0.00
73) Anthracene-d10	17.381	188	1103594	21.014	ng/ul	0.00
81) Pyrene-d10	19.616	212	1275213	21.379	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	1279341	21.166	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	52401	8.864	ng/uL	99
5) Pyridine	3.740	79	324141	20.830	ng/ul	100
6) Benzaldehyde	7.022	77	204329m	22.382	ng/ul	
8) Phenol	7.069	94	412599	19.088	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.305	93	327932	19.066	ng/ul	100
12) 2-Chlorophenol	7.440	128	355230	20.197	ng/ul	99
13) 2-Methylphenol	8.328	108	312981	18.378	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.405	45	326221	19.239	ng/ul	96
16) Acetophenone	8.710	105	482700	18.377	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.693	70	217158	17.566	ng/ul	99
18) 4-Methylphenol	8.658	108	336429	17.930	ng/ul	100
19) Hexachloroethane	8.963	117	138932	21.179	ng/ul	98
22) Nitrobenzene	9.087	77	346419	21.856	ng/ul	99
23) Isophorone	9.616	82	611636	19.022	ng/ul	100
25) 2-Nitrophenol	9.799	139	187324	20.801	ng/ul	95
26) 2,4-Dimethylphenol	9.863	107	346858	20.503	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.099	93	409791	19.754	ng/ul	99
29) 2,4-Dichlorophenol	10.334	162	318852	21.099	ng/ul	98
30) Naphthalene	10.740	128	1104844	21.259	ng/ul	99
32) 4-Chloroaniline	10.852	127	439899	19.339	ng/ul	100
33) Hexachlorobutadiene	11.022	225	193036	21.581	ng/ul	98
34) Caprolactam	11.640	113	107153	20.035	ng/ul	90
35) 4-Chloro-3-methylphenol	11.981	107	309063	19.288	ng/ul	99
36) 2-Methylnaphthalene	12.351	142	721151	19.870	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	718672	19.734	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.716	216	368723	22.479	ng/ul	99
40) Hexachlorocyclopentadiene	12.693	237	196208	20.938	ng/ul	97
41) 2,4,6-Trichlorophenol	12.957	196	235338	21.433	ng/ul	98
42) 2,4,5-Trichlorophenol	13.028	196	255893	21.395	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	908230	21.709	ng/ul	99
44) 2-Chloronaphthalene	13.398	162	727880	22.006	ng/ul	98
45) 2-Nitroaniline	13.610	65	172457	21.360	ng/ul	98
47) Dimethylphthalate	13.987	163	840968	19.839	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	161105	19.501	ng/ul	93
50) Acenaphthylene	14.245	152	1096284	21.407	ng/ul	100
51) 3-Nitroaniline	14.434	138	177972	18.587	ng/ul	99
52) Acenaphthene	14.592	153	769720	21.304	ng/ul	99
53) 2,4-Dinitrophenol	14.640	184	116092	20.727	ng/ul	98
55) 4-Nitrophenol	14.745	109	110063	19.466	ng/ul	96
56) Dibenzofuran	14.928	168	1041617	21.048	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	238758	19.772	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.151	232	212774	20.478	ng/ul	98
59) Diethylphthalate	15.351	149	812134	19.124	ng/ul	100
61) Fluorene	15.575	166	847172	20.901	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.569	204	406625	20.265	ng/ul	98
63) 4-Nitroaniline	15.604	138	177500	19.426	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.651	198	136155	18.417	ng/ul#	93
67) N-Nitrosodiphenylamine	15.787	169	715340	21.033	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	240477	20.506	ng/ul	98
69) Hexachlorobenzene	16.581	284	280425	21.013	ng/ul	97
70) Atrazine	16.745	200	238290	19.418	ng/ul	99
71) Pentachlorophenol	16.928	266	169905	19.358	ng/ul	99
72) Phenanthrene	17.328	178	1348731	21.287	ng/ul	99
74) Anthracene	17.416	178	1368004	21.459	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	363837	22.864	ng/uL	99
76) Pentachlorobenzene	14.845	250	369771	21.746	ng/uL	99
77) Carbazole	17.692	167	1249692	21.696	ng/ul	100
78) Di-n-butylphthalate	18.239	149	1375860	19.506	ng/ul	99
80) Fluoranthene	19.292	202	1559423	21.363	ng/ul	100
82) Pyrene	19.645	202	1654244	21.766	ng/ul	99
83) Butylbenzylphthalate	20.516	149	642769	19.568	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.286	252	527870	19.469	ng/ul	99
85) Benzo(a)anthracene	21.351	228	1638866	21.278	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.275	149	920274	18.599	ng/ul	99
87) Chrysene	21.410	228	1539410	21.298	ng/ul	98
89) Di-n-octyl phthalate	22.210	149	1568466	20.360	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	1659109	21.528	ng/ul	100
91) Benzo(k)fluoranthene	23.104	252	1621531	21.849	ng/ul	99
93) Benzo(a)pyrene	23.692	252	1479220	21.508	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.327	276	1796623	20.523	ng/ul	100
95) Dibenzo(a,h)anthracene	26.351	278	1623751	20.880	ng/ul	99
96) Benzo(g,h,i)perylene	27.104	276	1594046	20.539	ng/ul	99

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

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