

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042723\
 Data File : BP014866.D
 Acq On : 27 Apr 2023 10:10
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020688

Quant Time: Apr 27 23:26:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 26 02:53:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	268552	20.000	ng/u1	0.00
20) Naphthalene-d8	11.034	136	1175620	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.834	164	748357	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.586	188	1653419	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	1243791	20.000	ng/u1	0.00
88) Perylene-d12	24.257	264	1139430	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.499	96	42410	6.209	ng/uL	0.00
4) Pyridine-d5	3.940	84	322372	16.273	ng/u1	0.00
7) Phenol-d5	7.340	99	412088	16.880	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	242911	16.557	ng/u1	0.00
11) 2-Chlorophenol-d4	7.722	132	321767	17.849	ng/u1	0.00
15) 4-Methylphenol-d8	8.904	113	330668	16.863	ng/u1	0.00
21) Nitrobenzene-d5	9.375	128	159440	18.118	ng/u1	0.00
24) 2-Nitrophenol-d4	10.104	143	169271	18.714	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.646	165	342051	18.193	ng/u1	0.00
31) 4-Chloroaniline-d4	11.163	131	495517	18.367	ng/u1	0.00
46) Dimethylphthalate-d6	14.234	166	990147	17.051	ng/u1	0.00
49) Acenaphthylene-d8	14.528	160	1207529	18.139	ng/u1	0.00
54) 4-Nitrophenol-d4	15.004	143	185109	17.498	ng/u1	0.00
60) Fluorene-d10	15.822	176	892798	18.059	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.933	200	124819	13.605	ng/u1	0.00
73) Anthracene-d10	17.680	188	1394028	17.955	ng/u1	0.00
81) Pyrene-d10	19.892	212	1541582	20.386	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.086	264	1057743	17.906	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.540	88	46104	6.255	ng/uL	98
5) Pyridine	3.958	79	324445	15.974	ng/u1	96
6) Benzaldehyde	7.328	77	150618m	12.848	ng/u1	
8) Phenol	7.369	94	430405	16.952	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.610	93	337662	16.591	ng/u1	98
12) 2-Chlorophenol	7.757	128	328879	17.492	ng/u1	98
13) 2-Methylphenol	8.640	108	330021	17.233	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.734	45	424124	16.721	ng/u1	99
16) Acetophenone	9.034	105	530607	17.298	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.016	70	261515	16.659	ng/u1	97
18) 4-Methylphenol	8.969	108	356046	16.608	ng/u1	98
19) Hexachloroethane	9.299	117	133521	17.604	ng/u1	96
22) Nitrobenzene	9.416	77	389241	17.387	ng/u1	97
23) Isophorone	9.946	82	765226	16.547	ng/u1	99
25) 2-Nitrophenol	10.134	139	182925	18.116	ng/u1	97
26) 2,4-Dimethylphenol	10.187	107	392908	17.536	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.428	93	473926	16.279	ng/u1	98
29) 2,4-Dichlorophenol	10.669	162	336072	17.939	ng/u1	97
30) Naphthalene	11.087	128	1141292	17.551	ng/u1	99
32) 4-Chloroaniline	11.187	127	496629	18.271	ng/u1	99
33) Hexachlorobutadiene	11.369	225	215726	18.105	ng/u1	99
34) Caprolactam	11.951	113	108341	17.540	ng/u1	94
35) 4-Chloro-3-methylphenol	12.293	107	359128	17.312	ng/u1	98
36) 2-Methylnaphthalene	12.681	142	770368	17.448	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.892	142	771028	17.517	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.040	216	427709	18.243	ng/ul	99
40) Hexachlorocyclopentadiene	13.016	237	189842	13.974	ng/ul	98
41) 2,4,6-Trichlorophenol	13.269	196	278784	18.734	ng/ul	98
42) 2,4,5-Trichlorophenol	13.339	196	304859	18.538	ng/ul	97
43) 1,1'-Biphenyl	13.669	154	1045253	17.768	ng/ul	99
44) 2-Chloronaphthalene	13.716	162	830106	18.025	ng/ul	99
45) 2-Nitroaniline	13.910	65	212218	18.400	ng/ul	97
47) Dimethylphthalate	14.281	163	984087	16.909	ng/ul	100
48) 2,6-Dinitrotoluene	14.398	165	187265	17.959	ng/ul	98
50) Acenaphthylene	14.557	152	1297665	18.049	ng/ul	100
51) 3-Nitroaniline	14.728	138	188307	16.464	ng/ul	100
52) Acenaphthene	14.898	153	885115	17.910	ng/ul	100
53) 2,4-Dinitrophenol	14.934	184	66202	10.777	ng/ul	96
55) 4-Nitrophenol	15.022	109	139690	17.648	ng/ul	97
56) Dibenzofuran	15.228	168	1245654	17.898	ng/ul	100
57) 2,4-Dinitrotoluene	15.186	165	274790	17.885	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.451	232	259023	18.678	ng/ul	99
59) Diethylphthalate	15.639	149	978608	17.364	ng/ul	99
61) Fluorene	15.881	166	1011114	18.417	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.869	204	499149	17.934	ng/ul	97
63) 4-Nitroaniline	15.886	138	181157	17.559	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.945	198	126041	13.668	ng/ul	98
67) N-Nitrosodiphenylamine	16.081	169	850704	17.494	ng/ul	98
68) 4-Bromophenyl-phenylether	16.763	248	313954	17.548	ng/ul	98
69) Hexachlorobenzene	16.886	284	372029	17.931	ng/ul	99
70) Atrazine	17.028	200	295916	17.806	ng/ul	99
71) Pentachlorophenol	17.228	266	211398	17.369	ng/ul	99
72) Phenanthrene	17.628	178	1602666	17.700	ng/ul	100
74) Anthracene	17.716	178	1629158	17.846	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.639	216	441165	17.923	ng/ul	98
76) Pentachlorobenzene	15.151	250	432439	17.795	ng/ul	99
77) Carbazole	17.975	167	1458587	18.772	ng/ul	99
78) Di-n-butylphthalate	18.510	149	1704273	18.481	ng/ul	100
80) Fluoranthene	19.569	202	1831577	20.552	ng/ul	100
82) Pyrene	19.922	202	1877150	20.366	ng/ul	98
83) Butylbenzylphthalate	20.774	149	716175	23.158	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.557	252	426357	16.427	ng/ul	100
85) Benzo(a)anthracene	21.639	228	1558754	18.015	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.539	149	1048379	22.836	ng/ul	98
87) Chrysene	21.692	228	1440392	17.560	ng/ul	99
89) Di-n-octyl phthalate	22.527	149	1614711	21.316	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	1366404	17.510	ng/ul	99
91) Benzo(k)fluoranthene	23.504	252	1278915	16.899	ng/ul	100
93) Benzo(a)pyrene	24.139	252	1151597	17.424	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.015	276	1485493	19.931	ng/ul	99
95) Dibenzo(a,h)anthracene	27.039	278	1226286	19.729	ng/ul	99
96) Benzo(g,h,i)perylene	27.868	276	1198265	20.293	ng/ul	98

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

