

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042723\
 Data File : BP014870.D
 Acq On : 27 Apr 2023 13:24
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020689

Quant Time: Apr 27 23:40:02 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 :Jagrit
 Upadhyay
 05/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.198	152	372758	20.000	ng/u1	0.00
20) Naphthalene-d8	11.034	136	1604307	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.833	164	993505	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.586	188	2144072	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	1472810	20.000	ng/u1	0.00
88) Perylene-d12	24.256	264	1415837	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.505	96	71686	7.561	ng/uL	0.00
4) Pyridine-d5	3.940	84	550458	20.019	ng/u1	0.00
7) Phenol-d5	7.340	99	730344	21.553	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	424754	20.858	ng/u1	0.00
11) 2-Chlorophenol-d4	7.722	132	568266	22.711	ng/u1	0.00
15) 4-Methylphenol-d8	8.910	113	578639	21.260	ng/u1	0.00
21) Nitrobenzene-d5	9.375	128	284031	23.651	ng/u1	0.00
24) 2-Nitrophenol-d4	10.104	143	319762	25.905	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.645	165	598360	23.322	ng/u1	0.00
31) 4-Chloroaniline-d4	11.163	131	829797	22.539	ng/u1	0.00
46) Dimethylphthalate-d6	14.233	166	1686459	21.876	ng/u1	0.00
49) Acenaphthylene-d8	14.527	160	2032593	22.998	ng/u1	0.00
54) 4-Nitrophenol-d4	15.010	143	326632	23.257	ng/u1	0.00
60) Fluorene-d10	15.822	176	1478213	22.523	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.933	200	240533	20.218	ng/u1	0.00
73) Anthracene-d10	17.680	188	2277926	22.626	ng/u1	0.00
81) Pyrene-d10	19.892	212	2408077	26.893	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.086	264	1654481	22.541	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.540	88	78328	7.656	ng/uL	99
5) Pyridine	3.957	79	560638	19.886	ng/u1	99
6) Benzaldehyde	7.328	77	275211m	16.913	ng/u1	
8) Phenol	7.369	94	749442	21.266	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.610	93	590447	20.901	ng/u1	98
12) 2-Chlorophenol	7.757	128	579634	22.210	ng/u1	98
13) 2-Methylphenol	8.640	108	571209	21.489	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.734	45	732574	20.807	ng/u1	99
16) Acetophenone	9.034	105	918439	21.571	ng/u1	100
17) N-Nitroso-di-n-propyla...	9.016	70	448288	20.574	ng/u1	98
18) 4-Methylphenol	8.969	108	621826	20.897	ng/u1	98
19) Hexachloroethane	9.298	117	239506	22.750	ng/u1	95
22) Nitrobenzene	9.416	77	676584	22.147	ng/u1	99
23) Isophorone	9.945	82	1322377	20.954	ng/u1	100
25) 2-Nitrophenol	10.139	139	336396	24.413	ng/u1	94
26) 2,4-Dimethylphenol	10.187	107	670210	21.919	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.428	93	823264	20.722	ng/u1	98
29) 2,4-Dichlorophenol	10.669	162	584629	22.867	ng/u1	98
30) Naphthalene	11.086	128	1965427	22.148	ng/u1	99
32) 4-Chloroaniline	11.186	127	838785	22.613	ng/u1	99
33) Hexachlorobutadiene	11.369	225	372170	22.888	ng/u1	98
34) Caprolactam	11.957	113	191714m	22.744	ng/u1	
35) 4-Chloro-3-methylphenol	12.292	107	616987	21.795	ng/u1	99
36) 2-Methylnaphthalene	12.675	142	1313587	21.802	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.892	142	1297377	21.599	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.039	216	723124	23.232	ng/ul	98
40) Hexachlorocyclopentadiene	13.016	237	329281	18.257	ng/ul	100
41) 2,4,6-Trichlorophenol	13.269	196	476553	24.122	ng/ul	99
42) 2,4,5-Trichlorophenol	13.339	196	513194	23.506	ng/ul	97
43) 1,1'-Biphenyl	13.669	154	1751191	22.423	ng/ul	99
44) 2-Chloronaphthalene	13.716	162	1394893	22.815	ng/ul	99
45) 2-Nitroaniline	13.916	65	378720	24.733	ng/ul	97
47) Dimethylphthalate	14.280	163	1672527	21.647	ng/ul	99
48) 2,6-Dinitrotoluene	14.404	165	341560	24.673	ng/ul	96
50) Acenaphthylene	14.557	152	2166110	22.694	ng/ul	99
51) 3-Nitroaniline	14.733	138	349979	23.048	ng/ul	97
52) Acenaphthene	14.898	153	1466642	22.354	ng/ul	100
53) 2,4-Dinitrophenol	14.933	184	144330	17.698	ng/ul	97
55) 4-Nitrophenol	15.027	109	239094	22.753	ng/ul	98
56) Dibenzofuran	15.227	168	2051941	22.208	ng/ul	99
57) 2,4-Dinitrotoluene	15.186	165	488759	23.962	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.451	232	444563	24.147	ng/ul	97
59) Diethylphthalate	15.639	149	1679060	22.441	ng/ul	100
61) Fluorene	15.880	166	1638600	22.481	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.863	204	820140	22.196	ng/ul	98
63) 4-Nitroaniline	15.892	138	340237	24.841	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.951	198	237244	19.840	ng/ul	99
67) N-Nitrosodiphenylamine	16.080	169	1406393	22.303	ng/ul	100
68) 4-Bromophenyl-phenylether	16.763	248	525839	22.665	ng/ul	99
69) Hexachlorobenzene	16.886	284	609977	22.671	ng/ul	98
70) Atrazine	17.027	200	515694	23.929	ng/ul	99
71) Pentachlorophenol	17.227	266	366578	23.226	ng/ul	98
72) Phenanthrene	17.627	178	2626052	22.366	ng/ul	99
74) Anthracene	17.716	178	2657258	22.447	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.639	216	740393	23.196	ng/ul	99
76) Pentachlorobenzene	15.151	250	716358	22.733	ng/ul	99
77) Carbazole	17.974	167	2389615	23.717	ng/ul	99
78) Di-n-butylphthalate	18.510	149	2955702	24.717	ng/ul	100
80) Fluoranthene	19.568	202	2904159	27.520	ng/ul	99
82) Pyrene	19.921	202	2892753	26.504	ng/ul	99
83) Butylbenzylphthalate	20.774	149	1194178	32.610	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.557	252	551666	17.950	ng/ul	99
85) Benzo(a)anthracene	21.639	228	2351535	22.951	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.533	149	1724730	31.727	ng/ul	100
87) Chrysene	21.698	228	2165068	22.290	ng/ul	99
89) Di-n-octyl phthalate	22.527	149	2581701	27.427	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	2117903	21.842	ng/ul	98
91) Benzo(k)fluoranthene	23.503	252	1990849	21.170	ng/ul	100
93) Benzo(a)pyrene	24.139	252	1814364	22.092	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.021	276	2400704	25.922	ng/ul	99
95) Dibenzo(a,h)anthracene	27.039	278	1986687	25.722	ng/ul	100
96) Benzo(g,h,i)perylene	27.874	276	1940585	26.448	ng/ul	99

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

