

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042523\
 Data File : BP014824.D
 Acq On : 25 Apr 2023 15:06
 Operator : CG/JU
 Sample : SSTD02055
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020641

Quant Time: Apr 26 02:21:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 25 17:28:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/26/2023
 Supervised By : Jagrut Upadhyay 04/26/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	285144	20.000	ng/u1	0.00
20) Naphthalene-d8	11.034	136	1299233	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.828	164	846097	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.581	188	1822018	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	1623980	20.000	ng/u1	0.00
88) Perylene-d12	24.257	264	1622227	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.505	96	61832	8.526	ng/uL	0.00
4) Pyridine-d5	3.940	84	455100	21.636	ng/u1	0.00
7) Phenol-d5	7.340	99	554670	21.398	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	345392	22.173	ng/u1	0.00
11) 2-Chlorophenol-d4	7.722	132	416404	21.755	ng/u1	0.00
15) 4-Methylphenol-d8	8.905	113	451739	21.697	ng/u1	0.00
21) Nitrobenzene-d5	9.375	128	208162	21.403	ng/u1	0.00
24) 2-Nitrophenol-d4	10.104	143	216362	21.644	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.640	165	452582	21.782	ng/u1	0.00
31) 4-Chloroaniline-d4	11.163	131	659346	22.114	ng/u1	0.00
46) Dimethylphthalate-d6	14.234	166	1431263	21.800	ng/u1	0.00
49) Acenaphthylene-d8	14.528	160	1653168	21.964	ng/u1	0.00
54) 4-Nitrophenol-d4	15.004	143	255145	21.332	ng/u1	0.00
60) Fluorene-d10	15.822	176	1213621	21.713	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.928	200	204713	20.248	ng/u1	0.00
73) Anthracene-d10	17.681	188	1872688	21.888	ng/u1	0.00
81) Pyrene-d10	19.892	212	2143021	21.705	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	1819231	21.632	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.540	88	67824	8.666	ng/uL	100
5) Pyridine	3.958	79	469874	21.788	ng/u1	100
6) Benzaldehyde	7.322	77	331644	26.939	ng/u1	100
8) Phenol	7.363	94	584039	21.664	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.611	93	478804	22.157	ng/u1	100
12) 2-Chlorophenol	7.758	128	435540	21.816	ng/u1	100
13) 2-Methylphenol	8.640	108	443137	21.793	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.734	45	600440	22.295	ng/u1	100
16) Acetophenone	9.034	105	765845	23.514	ng/u1	100
17) N-Nitroso-di-n-propyla...	9.016	70	378384	22.701	ng/u1	100
18) 4-Methylphenol	8.969	108	500726	21.997	ng/u1	100
19) Hexachloroethane	9.299	117	173569	21.553	ng/u1	100
22) Nitrobenzene	9.416	77	536246	21.675	ng/u1	100
23) Isophorone	9.946	82	1117419	21.864	ng/u1	100
25) 2-Nitrophenol	10.134	139	245475	21.998	ng/u1	100
26) 2,4-Dimethylphenol	10.187	107	538158	21.733	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.428	93	691907	21.505	ng/u1	100
29) 2,4-Dichlorophenol	10.669	162	452256	21.844	ng/u1	100
30) Naphthalene	11.081	128	1546660	21.522	ng/u1	100
32) 4-Chloroaniline	11.187	127	677939	22.568	ng/u1	100
33) Hexachlorobutadiene	11.369	225	278440	21.145	ng/u1	100
34) Caprolactam	11.951	113	144112m	21.077	ng/u1	100
35) 4-Chloro-3-methylphenol	12.293	107	496285	21.647	ng/u1	100
36) 2-Methylnaphthalene	12.675	142	1056916	21.661	ng/u1	100

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37) 1-Methylnaphthalene	12.893	142	1058732	21.765	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.034	216	569781	21.495	ng/ul	100
40) Hexachlorocyclopentadiene	13.016	237	318268	20.720	ng/ul	100
41) 2,4,6-Trichlorophenol	13.269	196	366204	21.766	ng/ul	100
42) 2,4,5-Trichlorophenol	13.334	196	403306	21.691	ng/ul	100
43) 1,1'-Biphenyl	13.669	154	1458079	21.923	ng/ul	100
44) 2-Chloronaphthalene	13.716	162	1129452	21.692	ng/ul	100
45) 2-Nitroaniline	13.910	65	289334	22.188	ng/ul	100
47) Dimethylphthalate	14.281	163	1422374	21.617	ng/ul	100
48) 2,6-Dinitrotoluene	14.398	165	262755	22.287	ng/ul	100
50) Acenaphthylene	14.557	152	1804309	22.197	ng/ul	100
51) 3-Nitroaniline	14.728	138	286866	22.183	ng/ul	100
52) Acenaphthene	14.892	153	1221292	21.857	ng/ul	100
53) 2,4-Dinitrophenol	14.928	184	126675	18.239	ng/ul	100
55) 4-Nitrophenol	15.022	109	197098	22.024	ng/ul	100
56) Dibenzofuran	15.228	168	1702513	21.636	ng/ul	100
57) 2,4-Dinitrotoluene	15.181	165	381951	21.988	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.445	232	341336	21.770	ng/ul	100
59) Diethylphthalate	15.639	149	1384109	21.722	ng/ul	100
61) Fluorene	15.875	166	1360990	21.926	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.863	204	681073	21.643	ng/ul	100
63) 4-Nitroaniline	15.887	138	277957	23.830	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.945	198	213356	20.996	ng/ul	100
67) N-Nitrosodiphenylamine	16.075	169	1176503	21.956	ng/ul	100
68) 4-Bromophenyl-phenylether	16.763	248	426399	21.628	ng/ul	100
69) Hexachlorobenzene	16.881	284	495566	21.675	ng/ul	100
70) Atrazine	17.028	200	410481	22.414	ng/ul	100
71) Pentachlorophenol	17.222	266	284490	21.211	ng/ul	100
72) Phenanthrene	17.622	178	2186918	21.918	ng/ul	100
74) Anthracene	17.716	178	2223563	22.103	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.640	216	591127	21.794	ng/ul	100
76) Pentachlorobenzene	15.145	250	583599	21.793	ng/ul	100
77) Carbazole	17.975	167	1976231	23.081	ng/ul	100
78) Di-n-butylphthalate	18.510	149	2284568	22.482	ng/ul	100
80) Fluoranthene	19.569	202	2526108	21.710	ng/ul	100
82) Pyrene	19.922	202	2607699	21.669	ng/ul	100
83) Butylbenzylphthalate	20.775	149	894034	22.142	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.557	252	765501	22.589	ng/ul	100
85) Benzo(a)anthracene	21.639	228	2459738	21.772	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.539	149	1350754	22.535	ng/ul	100
87) Chrysene	21.692	228	2311720	21.585	ng/ul	100
89) Di-n-octyl phthalate	22.527	149	2232438	20.700	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	2342187	21.082	ng/ul	100
91) Benzo(k)fluoranthene	23.504	252	2371061	22.005	ng/ul	100
93) Benzo(a)pyrene	24.139	252	2043043	21.712	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.015	276	2329530	21.954	ng/ul	100
95) Dibenzo(a,h)anthracene	27.033	278	1940688	21.930	ng/ul	100
96) Benzo(g,h,i)perylene	27.862	276	1824613	21.704	ng/ul	100

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

