

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040323\
 Data File : BP014491.D
 Acq On : 03 Apr 2023 17:31
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020656

Quant Time: Apr 04 01:35:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 04 01:34:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	126017	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	567892	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.663	164	390189	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.428	188	927587	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	1020134	20.000	ng/u1	0.00
88) Perylene-d12	24.027	264	1014490	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	26181	8.057	ng/uL	0.00
4) Pyridine-d5	3.817	84	192092	23.067	ng/u1	0.00
7) Phenol-d5	7.175	99	242095	20.831	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	156476	20.985	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	177360	21.114	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	198355	21.159	ng/u1	0.00
21) Nitrobenzene-d5	9.187	128	91733	20.009	ng/u1	0.00
24) 2-Nitrophenol-d4	9.910	143	105892	20.172	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	196974	20.603	ng/u1	0.00
31) 4-Chloroaniline-d4	10.981	131	268013	21.282	ng/u1	0.00
46) Dimethylphthalate-d6	14.069	166	633500	20.024	ng/u1	0.00
49) Acenaphthylene-d8	14.357	160	708790	20.191	ng/u1	0.00
54) 4-Nitrophenol-d4	14.893	143	95252	19.929	ng/u1	0.00
60) Fluorene-d10	15.657	176	548810	20.802	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.787	200	120855	17.707	ng/u1	0.00
73) Anthracene-d10	17.522	188	920135	20.497	ng/u1	0.00
81) Pyrene-d10	19.751	212	1161863	16.956	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.863	264	1091347	20.248	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	28928	8.101	ng/uL	99
5) Pyridine	3.840	79	192309	22.067	ng/u1	99
6) Benzaldehyde	7.146	77	148896	25.775	ng/u1	99
8) Phenol	7.205	94	255279	21.174	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.428	93	196864	20.319	ng/u1	100
12) 2-Chlorophenol	7.569	128	183972	21.043	ng/u1	95
13) 2-Methylphenol	8.463	108	186866	20.784	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.540	45	270917	21.298	ng/u1	100
16) Acetophenone	8.846	105	323365	20.889	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.822	70	178668	21.364	ng/u1	96
18) 4-Methylphenol	8.793	108	207332	20.997	ng/u1	96
19) Hexachloroethane	9.093	117	80164	20.985	ng/u1	97
22) Nitrobenzene	9.228	77	268295	20.371	ng/u1	100
23) Isophorone	9.752	82	482615	19.879	ng/u1	99
25) 2-Nitrophenol	9.946	139	110586	19.958	ng/u1	98
26) 2,4-Dimethylphenol	10.005	107	253817	20.466	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.234	93	282620	19.417	ng/u1	98
29) 2,4-Dichlorophenol	10.487	162	196905	20.928	ng/u1	96
30) Naphthalene	10.881	128	634136	20.047	ng/u1	100
32) 4-Chloroaniline	11.005	127	275671	21.613	ng/u1	100
33) Hexachlorobutadiene	11.152	225	143607	19.266	ng/u1	98
34) Caprolactam	11.799	113	63815m	22.959	ng/u1	
35) 4-Chloro-3-methylphenol	12.134	107	244750	21.149	ng/u1	98
36) 2-Methylnaphthalene	12.487	142	434710	20.278	ng/u1	99

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37) 1-Methylnaphthalene	12.704	142	435506	20.484	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.851	216	263917	18.971	ng/u1	96
40) Hexachlorocyclopentadiene	12.822	237	163503	18.149	ng/u1	100
41) 2,4,6-Trichlorophenol	13.099	196	170579	19.815	ng/u1	98
42) 2,4,5-Trichlorophenol	13.181	196	184670	20.150	ng/u1	96
43) 1,1'-Biphenyl	13.493	154	607616	19.275	ng/u1	98
44) 2-Chloronaphthalene	13.540	162	486695	19.526	ng/u1	98
45) 2-Nitroaniline	13.757	65	172665	22.369	ng/u1	98
47) Dimethylphthalate	14.116	163	637719	20.160	ng/u1	99
48) 2,6-Dinitrotoluene	14.246	165	129144	20.897	ng/u1	99
50) Acenaphthylene	14.387	152	766321	20.497	ng/u1	99
51) 3-Nitroaniline	14.587	138	125643	22.693	ng/u1	97
52) Acenaphthene	14.728	153	533892	20.209	ng/u1	99
53) 2,4-Dinitrophenol	14.798	184	84462	21.104	ng/u1	96
55) 4-Nitrophenol	14.904	109	95410	20.227	ng/u1	88
56) Dibenzofuran	15.063	168	753458	20.288	ng/u1	99
57) 2,4-Dinitrotoluene	15.040	165	198919	22.691	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.293	232	176403	21.416	ng/u1	98
59) Diethylphthalate	15.475	149	652017	20.742	ng/u1	98
61) Fluorene	15.716	166	628079	20.865	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.704	204	327922	20.276	ng/u1	98
63) 4-Nitroaniline	15.751	138	118092	26.251	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.804	198	118450	17.908	ng/u1	99
67) N-Nitrosodiphenylamine	15.922	169	547881	18.984	ng/u1	97
68) 4-Bromophenyl-phenylether	16.604	248	207481	17.975	ng/u1	97
69) Hexachlorobenzene	16.722	284	243916	18.397	ng/u1	99
70) Atrazine	16.881	200	214867	20.452	ng/u1	96
71) Pentachlorophenol	17.075	266	157362	20.487	ng/u1	100
72) Phenanthrene	17.469	178	1041520	20.182	ng/u1	100
74) Anthracene	17.557	178	1064705	20.470	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.457	216	270465	16.565	ng/uL	97
76) Pentachlorobenzene	14.981	250	281602	17.285	ng/uL	97
77) Carbazole	17.834	167	977799	22.465	ng/u1	99
78) Di-n-butylphthalate	18.363	149	1206741	22.049	ng/u1	99
80) Fluoranthene	19.428	202	1338441	16.520	ng/u1	99
82) Pyrene	19.781	202	1406125	16.624	ng/u1	99
83) Butylbenzylphthalate	20.639	149	612347	21.017	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.427	252	468213	20.753	ng/u1	98
85) Benzo(a)anthracene	21.498	228	1466063	20.280	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.392	149	907681	22.782	ng/u1	99
87) Chrysene	21.551	228	1379946	20.217	ng/u1	99
89) Di-n-octyl phthalate	22.351	149	1556139	23.637	ng/u1	100
90) Benzo(b)fluoranthene	23.257	252	1403100	20.478	ng/u1	98
91) Benzo(k)fluoranthene	23.304	252	1364015	20.497	ng/u1	100
93) Benzo(a)pyrene	23.916	252	1183435	20.066	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.668	276	1424531	17.557	ng/u1	100
95) Dibenzo(a,h)anthracene	26.686	278	1189502	17.510	ng/u1	99
96) Benzo(g,h,i)perylene	27.492	276	1136432	17.183	ng/u1	98

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

