

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
 Data File : BP016655.D
 Acq On : 18 Aug 2023 23:46
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020692

Quant Time: Aug 19 00:22:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	524084	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	2391234	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	1477661	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	3177752	20.000	ng/u1	0.00
79) Chrysene-d12	21.568	240	2384885	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	2056270	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	94805	6.874	ng/uL	0.00
4) Pyridine-d5	3.828	84	715076	17.041	ng/u1	0.00
7) Phenol-d5	7.193	99	845393	17.497	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	545159	17.131	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	633186	18.246	ng/u1	0.00
15) 4-Methylphenol-d8	8.757	113	692936	18.037	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	323883	19.250	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	341615	21.377	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	622110	19.782	ng/u1	0.00
31) 4-Chloroaniline-d4	11.039	131	965364	17.891	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	1930664	18.064	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	2254104	18.685	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	375087	17.227	ng/u1	0.00
60) Fluorene-d10	15.698	176	1614242	17.717	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	247738	16.387	ng/u1	0.00
73) Anthracene-d10	17.569	188	2476309	18.016	ng/u1	0.00
81) Pyrene-d10	19.804	212	2735115	21.887	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1771706	17.979	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	102654	6.769	ng/uL	98
5) Pyridine	3.852	79	743848	17.085	ng/u1	98
6) Benzaldehyde	7.204	77	554972	20.837	ng/u1	98
8) Phenol	7.222	94	887891	17.193	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.481	93	719627	17.251	ng/u1	98
12) 2-Chlorophenol	7.604	128	650255	17.808	ng/u1	99
13) 2-Methylphenol	8.487	108	667192	17.787	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.563	45	1001973m	17.234	ng/u1	
16) Acetophenone	8.898	105	1096961	17.682	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.869	70	616029	18.514	ng/u1	99
18) 4-Methylphenol	8.822	108	727570	17.648	ng/u1	99
19) Hexachloroethane	9.122	117	264069	17.310	ng/u1	97
22) Nitrobenzene	9.292	77	868501	18.439	ng/u1	99
23) Isophorone	9.810	82	1724721	19.387	ng/u1	100
25) 2-Nitrophenol	9.998	139	375426	20.550	ng/u1	98
26) 2,4-Dimethylphenol	10.034	107	790467	18.354	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.292	93	1020979	17.903	ng/u1	99
29) 2,4-Dichlorophenol	10.516	162	628895	19.436	ng/u1	100
30) Naphthalene	10.934	128	2188706	17.519	ng/u1	100
32) 4-Chloroaniline	11.063	127	950494	17.785	ng/u1	100
33) Hexachlorobutadiene	11.169	225	354442	18.172	ng/u1	98
34) Caprolactam	11.881	113	240264	19.086	ng/u1	96
35) 4-Chloro-3-methylphenol	12.157	107	769822	19.464	ng/u1	99
36) 2-Methylnaphthalene	12.533	142	1496134	17.877	ng/u1	100

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37) 1-Methylnaphthalene	12.751	142	1511391	17.936	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.881	216	722857	18.289	ng/ul	99
40) Hexachlorocyclopentadiene	12.833	237	375963	15.634	ng/ul	97
41) 2,4,6-Trichlorophenol	13.133	196	495699	20.152	ng/ul	99
42) 2,4,5-Trichlorophenol	13.198	196	542922	20.362	ng/ul	100
43) 1,1'-Biphenyl	13.539	154	1955414	17.803	ng/ul	99
44) 2-Chloronaphthalene	13.586	162	1517937	17.762	ng/ul	99
45) 2-Nitroaniline	13.816	65	522190	20.209	ng/ul	94
47) Dimethylphthalate	14.163	163	1945216	17.801	ng/ul	99
48) 2,6-Dinitrotoluene	14.304	165	391595	20.689	ng/ul	98
50) Acenaphthylene	14.433	152	2572844	18.110	ng/ul	100
51) 3-Nitroaniline	14.639	138	432161	20.363	ng/ul	95
52) Acenaphthene	14.769	153	1667862	17.538	ng/ul	97
53) 2,4-Dinitrophenol	14.839	184	146624	13.915	ng/ul	95
55) 4-Nitrophenol	14.922	109	298993	16.892	ng/ul	96
56) Dibenzofuran	15.104	168	2259632	17.415	ng/ul	99
57) 2,4-Dinitrotoluene	15.080	165	560543	19.776	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.316	232	442031	19.787	ng/ul	97
59) Diethylphthalate	15.516	149	1986806	17.782	ng/ul	99
61) Fluorene	15.757	166	1858492	17.468	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	871847	17.457	ng/ul	97
63) 4-Nitroaniline	15.810	138	405608	19.971	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.833	198	273418	16.312	ng/ul	99
67) N-Nitrosodiphenylamine	15.969	169	1582458	18.371	ng/ul	100
68) 4-Bromophenyl-phenylether	16.645	248	529953	18.678	ng/ul	98
69) Hexachlorobenzene	16.727	284	599319	18.078	ng/ul	97
70) Atrazine	16.921	200	580471	18.731	ng/ul	99
71) Pentachlorophenol	17.092	266	366260	17.944	ng/ul	100
72) Phenanthrene	17.516	178	2899973	17.322	ng/ul	100
74) Anthracene	17.604	178	2976320	17.699	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.492	216	761257	18.850	ng/ul	97
76) Pentachlorobenzene	14.998	250	675112	18.632	ng/ul	99
77) Carbazole	17.886	167	2753214	17.766	ng/ul	99
78) Di-n-butylphthalate	18.398	149	3469079	19.338	ng/ul	100
80) Fluoranthene	19.474	202	3316136	22.234	ng/ul	99
82) Pyrene	19.833	202	3373021	21.417	ng/ul	98
83) Butylbenzylphthalate	20.686	149	1559188	24.576	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.486	252	888180	17.103	ng/ul	100
85) Benzo(a)anthracene	21.551	228	2902528	18.109	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.427	149	2232343	24.244	ng/ul	99
87) Chrysene	21.609	228	2661281	17.744	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	3453849	26.919	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	2283839	18.653	ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	2197150	18.089	ng/ul	99
93) Benzo(a)pyrene	24.033	252	2010184	17.405	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.897	276	2340560	17.170	ng/ul	99
95) Dibenzo(a,h)anthracene	26.927	278	1931331	17.025	ng/ul	100
96) Benzo(g,h,i)perylene	27.762	276	1881570	17.343	ng/ul	99

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

