

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020766.D
 Acq On : 03 Jul 2024 02:27
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020669

Quant Time: Jul 03 02:55:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	360173	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.510	136	1512813	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.375	164	1000431	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	2101247	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	1448335	20.000	ng/u1	0.00
88) Perylene-d12	24.986	264	1647644	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	54554	6.504	ng/uL	0.00
4) Pyridine-d5	3.687	84	416870	17.053	ng/u1	0.00
7) Phenol-d5	6.934	99	565646	19.148	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	332306	17.744	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	469779	19.458	ng/u1	0.00
15) 4-Methylphenol-d8	8.446	113	471884	19.668	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	234339	20.981	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	270001	24.157	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	487506	21.174	ng/u1	0.00
31) 4-Chloroaniline-d4	10.652	131	647690	20.074	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	1426084	20.502	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	1590375	19.161	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	232508	21.877	ng/u1	0.01
60) Fluorene-d10	15.387	176	1201482	20.526	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	216458	20.442	ng/u1	0.02
73) Anthracene-d10	17.292	188	1851468	19.633	ng/u1	0.01
81) Pyrene-d10	19.663	212	1832209	21.057	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.757	264	1563293	19.505	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	58151	6.195	ng/uL	94
5) Pyridine	3.705	79	430724	17.011	ng/u1	97
6) Benzaldehyde	6.905	77	342655	22.937	ng/u1	96
8) Phenol	6.958	94	563936	18.720	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.181	93	453942	18.201	ng/u1	97
12) 2-Chlorophenol	7.316	128	461893	19.031	ng/u1	99
13) 2-Methylphenol	8.187	108	445700	19.283	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.258	45	650179	17.154	ng/u1	99
16) Acetophenone	8.563	105	720144	18.795	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.546	70	361225	17.737	ng/u1	98
18) 4-Methylphenol	8.510	108	480209	19.628	ng/u1	99
19) Hexachloroethane	8.799	117	194604	18.470	ng/u1	97
22) Nitrobenzene	8.940	77	548771	18.953	ng/u1	96
23) Isophorone	9.457	82	1031050	17.972	ng/u1	98
25) 2-Nitrophenol	9.640	139	281852	23.350	ng/u1	94
26) 2,4-Dimethylphenol	9.699	107	529352	18.830	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.934	93	637277	18.673	ng/u1	99
29) 2,4-Dichlorophenol	10.169	162	472170	20.720	ng/u1	96
30) Naphthalene	10.557	128	1516731	18.732	ng/u1	100
32) 4-Chloroaniline	10.675	127	622154	20.028	ng/u1	99
33) Hexachlorobutadiene	10.828	225	335055	19.666	ng/u1	99
34) Caprolactam	11.481	113	156478m	22.564	ng/u1	
35) 4-Chloro-3-methylphenol	11.810	107	526887	20.941	ng/u1	98
36) 2-Methylnaphthalene	12.181	142	1053193	19.417	ng/u1	98

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37) 1-Methylnaphthalene	12.387	142	1092463	19.702	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.546	216	632554	19.776	ng/ul	97
40) Hexachlorocyclopentadiene	12.516	237	314335	15.789	ng/ul	99
41) 2,4,6-Trichlorophenol	12.798	196	405154	21.233	ng/ul	100
42) 2,4,5-Trichlorophenol	12.869	196	437023	22.083	ng/ul	98
43) 1,1'-Biphenyl	13.198	154	1397514	18.679	ng/ul	99
44) 2-Chloronaphthalene	13.240	162	1122704	19.052	ng/ul	99
45) 2-Nitroaniline	13.451	65	333760	22.486	ng/ul	94
47) Dimethylphthalate	13.822	163	1451462	20.485	ng/ul	100
48) 2,6-Dinitrotoluene	13.963	165	310371	24.565	ng/ul	90
50) Acenaphthylene	14.087	152	1795457	19.150	ng/ul	99
51) 3-Nitroaniline	14.287	138	299387	25.495	ng/ul	95
52) Acenaphthene	14.434	153	1180155	18.975	ng/ul	98
53) 2,4-Dinitrophenol	14.498	184	171593	26.183	ng/ul	98
55) 4-Nitrophenol	14.622	109	190449	20.024	ng/ul	96
56) Dibenzofuran	14.781	168	1641626	19.588	ng/ul	99
57) 2,4-Dinitrotoluene	14.751	165	441177	25.296	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.016	232	374221	22.895	ng/ul	95
59) Diethylphthalate	15.210	149	1467150	20.992	ng/ul	99
61) Fluorene	15.445	166	1340863	19.913	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.439	204	718019	20.434	ng/ul	97
63) 4-Nitroaniline	15.475	138	299707	26.892	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.534	198	230359	20.308	ng/ul	96
67) N-Nitrosodiphenylamine	15.663	169	1169901	18.879	ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	472176	20.146	ng/ul	95
69) Hexachlorobenzene	16.469	284	539212	20.552	ng/ul	93
70) Atrazine	16.645	200	463736	21.228	ng/ul	99
71) Pentachlorophenol	16.828	266	311687	20.635	ng/ul	97
72) Phenanthrene	17.233	178	2082583	18.927	ng/ul	99
74) Anthracene	17.322	178	2125252	18.777	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	620009	18.177	ng/ul	97
76) Pentachlorobenzene	14.692	250	616633	18.968	ng/ul	99
77) Carbazole	17.610	167	1820201	19.486	ng/ul	100
78) Di-n-butylphthalate	18.192	149	2618426	21.582	ng/ul	100
80) Fluoranthene	19.316	202	2255402	21.221	ng/ul	99
82) Pyrene	19.692	202	2212140	20.295	ng/ul	100
83) Butylbenzylphthalate	20.645	149	1009554	24.943	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.533	252	619061	19.332	ng/ul	98
85) Benzo(a)anthracene	21.610	228	1939250	19.103	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.545	149	1510745	24.040	ng/ul	99
87) Chrysene	21.680	228	1789407	18.648	ng/ul	100
89) Di-n-octyl phthalate	22.827	149	2271731	21.477	ng/ul	100
90) Benzo(b)fluoranthene	23.921	252	1890113	18.936	ng/ul	98
91) Benzo(k)fluoranthene	23.998	252	1891004	18.729	ng/ul	98
93) Benzo(a)pyrene	24.827	252	1800552	19.109	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.786	276	2259849	18.698	ng/ul	97
95) Dibenzo(a,h)anthracene	28.868	278	1879705	18.924	ng/ul	99
96) Benzo(g,h,i)perylene	29.986	276	1809914	18.342	ng/ul	98

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

