

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110722\
 Data File : BP012525.D
 Acq On : 07 Nov 2022 11:29
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020664

Quant Time: Nov 07 21:38:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 04 02:53:36 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2022
 Supervised By :mohammad ahmed 11/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	250663	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1202722	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.428	164	810778	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	1812903	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1703591	20.000	ng/u1	0.00
88) Perylene-d12	23.668	264	1552743	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	45968	7.384	ng/uL	0.00
4) Pyridine-d5	3.652	84	345185	19.302	ng/u1	0.00
7) Phenol-d5	6.957	99	459272	20.428	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	262776	19.579	ng/u1	0.00
11) 2-Chlorophenol-d4	7.310	132	345898	21.068	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	379788	21.358	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	179290	22.988	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	200003	24.706	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	394069	22.462	ng/u1	0.00
31) 4-Chloroaniline-d4	10.728	131	559785	21.430	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	1152732	20.769	ng/u1	0.00
49) Acenaphthylene-d8	14.122	160	1328726	20.949	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	183512	17.470	ng/u1	0.00
60) Fluorene-d10	15.428	176	1028640	21.647	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	148039	15.684	ng/u1	0.00
73) Anthracene-d10	17.292	188	1631400	20.885	ng/u1	0.00
81) Pyrene-d10	19.533	212	1912264	22.357	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.515	264	1556600	20.517	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.264	88	48925	7.392	ng/uL	94
5) Pyridine	3.675	79	329692	18.760	ng/u1	99
6) Benzaldehyde	6.928	77	246649m	23.261	ng/u1	
8) Phenol	6.981	94	480321	20.547	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.210	93	370982	19.774	ng/u1	100
12) 2-Chlorophenol	7.340	128	373778	20.913	ng/u1	99
13) 2-Methylphenol	8.234	108	371947	20.690	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	488970	19.434	ng/u1	99
16) Acetophenone	8.610	105	598145	21.658	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.593	70	292042	21.965	ng/u1	99
18) 4-Methylphenol	8.563	108	423576	21.558	ng/u1	100
19) Hexachloroethane	8.846	117	135974	19.781	ng/u1	97
22) Nitrobenzene	8.993	77	440228	21.634	ng/u1	99
23) Isophorone	9.516	82	844528	19.833	ng/u1	99
25) 2-Nitrophenol	9.699	139	229537	23.647	ng/u1	99
26) 2,4-Dimethylphenol	9.763	107	455953	21.392	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.998	93	539429	19.796	ng/u1	100
29) 2,4-Dichlorophenol	10.234	162	404378	22.203	ng/u1	99
30) Naphthalene	10.628	128	1286458	20.182	ng/u1	100
32) 4-Chloroaniline	10.757	127	583775	21.719	ng/u1	99
33) Hexachlorobutadiene	10.904	225	232999	20.564	ng/u1	98
34) Caprolactam	11.551	113	126481	20.410	ng/u1	99
35) 4-Chloro-3-methylphenol	11.887	107	450376	22.506	ng/u1	99
36) 2-Methylnaphthalene	12.245	142	911503	20.858	ng/u1	98

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37) 1-Methylnaphthalene	12.463	142	909556	20.841	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	487424	20.467	ng/u1	100
40) Hexachlorocyclopentadiene	12.581	237	232153	21.070	ng/u1	98
41) 2,4,6-Trichlorophenol	12.863	196	329614	21.653	ng/u1	100
42) 2,4,5-Trichlorophenol	12.940	196	372443	22.432	ng/u1	100
43) 1,1'-Biphenyl	13.257	154	1202067	20.163	ng/u1	100
44) 2-Chloronaphthalene	13.304	162	962562	20.546	ng/u1	99
45) 2-Nitroaniline	13.522	65	276179	25.435	ng/u1	97
47) Dimethylphthalate	13.892	163	1221271	20.885	ng/u1	100
48) 2,6-Dinitrotoluene	14.022	165	237717	24.483	ng/u1	96
50) Acenaphthylene	14.151	152	1466725	20.620	ng/u1	100
51) 3-Nitroaniline	14.357	138	256089	21.540	ng/u1	100
52) Acenaphthene	14.492	153	1034646	20.698	ng/u1	99
53) 2,4-Dinitrophenol	14.569	184	115855	17.669	ng/u1	94
55) 4-Nitrophenol	14.675	109	140911	17.729	ng/u1	94
56) Dibenzofuran	14.834	168	1451728	21.273	ng/u1	99
57) 2,4-Dinitrotoluene	14.816	165	354773	24.259	ng/u1	93
58) 2,3,4,6-Tetrachlorophenol	15.063	232	319724	22.688	ng/u1	97
59) Diethylphthalate	15.263	149	1234062	21.688	ng/u1	99
61) Fluorene	15.486	166	1176453	21.696	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.481	204	585769	22.024	ng/u1	98
63) 4-Nitroaniline	15.522	138	253456m	23.597	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.581	198	158987	15.809	ng/u1	98
67) N-Nitrosodiphenylamine	15.698	169	1038924	20.347	ng/u1	100
68) 4-Bromophenyl-phenylether	16.381	248	382854	21.025	ng/u1	98
69) Hexachlorobenzene	16.486	284	453865	20.781	ng/u1	98
70) Atrazine	16.663	200	373153	21.096	ng/u1	98
71) Pentachlorophenol	16.845	266	240572	17.936	ng/u1	99
72) Phenanthrene	17.233	178	1984159	20.717	ng/u1	99
74) Anthracene	17.328	178	1990028	20.916	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	496812	19.157	ng/uL	100
76) Pentachlorobenzene	14.745	250	545564	19.922	ng/uL	100
77) Carbazole	17.604	167	1814385	21.411	ng/u1	100
78) Di-n-butylphthalate	18.151	149	2195313	22.299	ng/u1	100
80) Fluoranthene	19.210	202	2345743	22.213	ng/u1	98
82) Pyrene	19.563	202	2430500	22.220	ng/u1	98
83) Butylbenzylphthalate	20.439	149	991929	24.324	ng/u1	96
84) 3,3'-Dichlorobenzidine	21.210	252	684084	18.486	ng/u1	99
85) Benzo(a)anthracene	21.274	228	2219037	20.417	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.192	149	1459279	23.402	ng/u1	99
87) Chrysene	21.327	228	2100978	20.678	ng/u1	98
89) Di-n-octyl phthalate	22.110	149	2304452	24.882	ng/u1	100
90) Benzo(b)fluoranthene	22.939	252	2050787	20.858	ng/u1	100
91) Benzo(k)fluoranthene	22.986	252	2061296	21.998	ng/u1	100
93) Benzo(a)pyrene	23.562	252	1759076	20.487	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.139	276	1949094	18.217	ng/u1	98
95) Dibenzo(a,h)anthracene	26.151	278	1739329	18.156	ng/u1	99
96) Benzo(g,h,i)perylene	26.898	276	1718150	18.166	ng/u1	99

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

