

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012238.D
 Acq On : 21 Oct 2022 10:55
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020788

Quant Time: Oct 21 22:29:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	385921	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	1589162	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.475	164	919448	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.234	188	1612080	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1447814	20.000	ng/u1	0.00
88) Perylene-d12	23.727	264	1578757	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	80405	8.432	ng/uL	0.00
4) Pyridine-d5	3.675	84	598605	21.785	ng/u1	0.00
7) Phenol-d5	6.993	99	692211	20.776	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	419846	20.779	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	553910	21.842	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	539236	20.825	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	267054	22.703	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	286548	22.578	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	528191	22.187	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	714865	21.135	ng/u1	-0.01
46) Dimethylphthalate-d6	13.887	166	1356247	21.205	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	1624516	22.252	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.687	143	202654	16.913	ng/u1	0.00
60) Fluorene-d10	15.469	176	1152233	20.941	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	146869	16.015	ng/u1	0.00
73) Anthracene-d10	17.334	188	1559548	22.070	ng/u1	0.00
81) Pyrene-d10	19.575	212	1580952	19.179	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.574	264	1727048	21.814	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	87539	8.530	ng/uL	97
5) Pyridine	3.699	79	578154	21.406	ng/u1	93
6) Benzaldehyde	6.969	77	371420	23.718	ng/u1	96
8) Phenol	7.016	94	729720	20.935	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.252	93	596417	21.200	ng/u1	99
12) 2-Chlorophenol	7.387	128	592636	21.658	ng/u1	99
13) 2-Methylphenol	8.269	108	548052	20.885	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.352	45	763795	20.416	ng/u1	100
16) Acetophenone	8.652	105	860770	21.520	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.640	70	426484	21.064	ng/u1	99
18) 4-Methylphenol	8.599	108	600630	21.017	ng/u1	95
19) Hexachloroethane	8.899	117	230344	21.312	ng/u1	99
22) Nitrobenzene	9.034	77	637078	22.229	ng/u1	98
23) Isophorone	9.563	82	1180971	21.468	ng/u1	100
25) 2-Nitrophenol	9.746	139	325732	22.590	ng/u1	98
26) 2,4-Dimethylphenol	9.805	107	630405	22.179	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.046	93	777830	21.600	ng/u1	99
29) 2,4-Dichlorophenol	10.275	162	541947	21.999	ng/u1	99
30) Naphthalene	10.675	128	1843205	21.687	ng/u1	100
32) 4-Chloroaniline	10.799	127	739778	21.190	ng/u1	98
33) Hexachlorobutadiene	10.957	225	348965	22.522	ng/u1	99
34) Caprolactam	11.587	113	130509	17.066	ng/u1	97
35) 4-Chloro-3-methylphenol	11.922	107	546995	20.566	ng/u1	99
36) 2-Methylnaphthalene	12.293	142	1231455	21.295	ng/u1	99

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37) 1-Methylnaphthalene	12.510	142	1220372	21.135	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.657	216	657990	23.552	ng/u1	98
40) Hexachlorocyclopentadiene	12.634	237	222648	14.990	ng/u1	99
41) 2,4,6-Trichlorophenol	12.904	196	403130	22.358	ng/u1	99
42) 2,4,5-Trichlorophenol	12.975	196	422972	21.504	ng/u1	99
43) 1,1'-Biphenyl	13.304	154	1558989	22.798	ng/u1	98
44) 2-Chloronaphthalene	13.346	162	1227103	22.633	ng/u1	100
45) 2-Nitroaniline	13.563	65	303347	21.046	ng/u1	99
47) Dimethylphthalate	13.934	163	1409993	21.038	ng/u1	99
48) 2,6-Dinitrotoluene	14.057	165	272252	21.230	ng/u1	98
50) Acenaphthylene	14.193	152	1810593	22.258	ng/u1	100
51) 3-Nitroaniline	14.393	138	270830	20.007	ng/u1	96
52) Acenaphthene	14.540	153	1255373	21.822	ng/u1	99
53) 2,4-Dinitrophenol	14.604	184	108454	14.084	ng/u1	94
55) 4-Nitrophenol	14.698	109	152339	17.113	ng/u1	98
56) Dibenzofuran	14.875	168	1688040	21.434	ng/u1	100
57) 2,4-Dinitrotoluene	14.851	165	360118	19.677	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.104	232	331286	19.923	ng/u1	99
59) Diethylphthalate	15.298	149	1338484	20.320	ng/u1	99
61) Fluorene	15.528	166	1314395	21.066	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.522	204	670932	21.578	ng/u1	100
63) 4-Nitroaniline	15.557	138	257095m	20.232	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.616	198	157698	16.380	ng/u1	99
67) N-Nitrosodiphenylamine	15.740	169	1107908	23.679	ng/u1	99
68) 4-Bromophenyl-phenylether	16.422	248	406825	23.835	ng/u1	98
69) Hexachlorobenzene	16.534	284	468078	23.265	ng/u1	99
70) Atrazine	16.698	200	347385	21.268	ng/u1	100
71) Pentachlorophenol	16.881	266	221930	18.274	ng/u1	99
72) Phenanthrene	17.275	178	1901751	21.949	ng/u1	100
74) Anthracene	17.369	178	1908757	22.266	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	640164	26.612	ng/uL	100
76) Pentachlorobenzene	14.793	250	649675	25.640	ng/uL	98
77) Carbazole	17.645	167	1614080	21.334	ng/u1	99
78) Di-n-butylphthalate	18.192	149	1943533	21.414	ng/u1	100
80) Fluoranthene	19.245	202	1961688	19.259	ng/u1	98
82) Pyrene	19.598	202	2045588	19.629	ng/u1	98
83) Butylbenzylphthalate	20.475	149	745552	18.394	ng/u1	100
84) 3,3'-Dichlorobenzidine	21.245	252	616774	19.560	ng/u1	99
85) Benzo(a)anthracene	21.310	228	2038768	21.606	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	1023547	18.024	ng/u1	99
87) Chrysene	21.363	228	1900026	21.578	ng/u1	100
89) Di-n-octyl phthalate	22.157	149	1808074	16.558	ng/u1	100
90) Benzo(b)fluoranthene	22.998	252	2225457	21.152	ng/u1	99
91) Benzo(k)fluoranthene	23.045	252	2086600	20.119	ng/u1	99
93) Benzo(a)pyrene	23.621	252	1941146	21.575	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.227	276	2446905	23.493	ng/u1	98
95) Dibenzo(a,h)anthracene	26.245	278	2228872	23.737	ng/u1	99
96) Benzo(g,h,i)perylene	26.998	276	2102180	21.496	ng/u1	99

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

