

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110822\
 Data File : BP012555.D
 Acq On : 08 Nov 2022 17:33
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020667

Quant Time: Nov 08 22:40:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 08 22:40:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/09/2022
 Supervised By :mohammad ahmed 11/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	239242	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1168643	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	804163	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.187	188	1802848	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1724534	20.000	ng/u1	0.00
88) Perylene-d12	23.663	264	1576010	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	41372	6.963	ng/uL	0.00
4) Pyridine-d5	3.652	84	309534	18.135	ng/u1	0.00
7) Phenol-d5	6.964	99	431008	20.086	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	234676	18.320	ng/u1	0.00
11) 2-Chlorophenol-d4	7.311	132	322263	20.565	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	356866	21.027	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	166101	21.918	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	187192	23.798	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	368623	21.624	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	517185	20.376	ng/u1	0.00
46) Dimethylphthalate-d6	13.846	166	1072269	19.478	ng/u1	0.00
49) Acenaphthylene-d8	14.116	160	1231667	19.578	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	170588	16.373	ng/u1	0.00
60) Fluorene-d10	15.422	176	946037	20.072	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	189511	20.190	ng/u1	0.00
73) Anthracene-d10	17.287	188	1505031	19.375	ng/u1	0.00
81) Pyrene-d10	19.533	212	1776719	20.520	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.510	264	1480981	19.232	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	43045	6.814	ng/uL	98
5) Pyridine	3.670	79	299984	17.884	ng/u1	97
6) Benzaldehyde	6.922	77	213165	21.063	ng/u1	99
8) Phenol	6.987	94	458113	20.533	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.205	93	328355	18.337	ng/u1	99
12) 2-Chlorophenol	7.340	128	347156	20.351	ng/u1	99
13) 2-Methylphenol	8.234	108	346061	20.169	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.305	45	434257	18.083	ng/u1	99
16) Acetophenone	8.605	105	534955	20.295	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.587	70	261064	20.573	ng/u1	100
18) 4-Methylphenol	8.563	108	386863	20.629	ng/u1	95
19) Hexachloroethane	8.840	117	126895	19.342	ng/u1	95
22) Nitrobenzene	8.981	77	404707	20.468	ng/u1	99
23) Isophorone	9.510	82	770141	18.613	ng/u1	99
25) 2-Nitrophenol	9.693	139	210727	22.343	ng/u1	97
26) 2,4-Dimethylphenol	9.763	107	432329	20.875	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.993	93	485345	18.330	ng/u1	99
29) 2,4-Dichlorophenol	10.234	162	378894	21.411	ng/u1	99
30) Naphthalene	10.622	128	1162457	18.769	ng/u1	99
32) 4-Chloroaniline	10.746	127	535676	20.511	ng/u1	99
33) Hexachlorobutadiene	10.893	225	215244	19.551	ng/u1	98
34) Caprolactam	11.552	113	114786	19.063	ng/u1	95
35) 4-Chloro-3-methylphenol	11.893	107	426213	21.919	ng/u1	99
36) 2-Methylnaphthalene	12.234	142	833962	19.640	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	833007	19.644	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.604	216	446915	18.921	ng/u1	99
40) Hexachlorocyclopentadiene	12.575	237	163333	14.946	ng/u1	99
41) 2,4,6-Trichlorophenol	12.857	196	314270	20.815	ng/u1	99
42) 2,4,5-Trichlorophenol	12.946	196	343193	20.840	ng/u1	99
43) 1,1'-Biphenyl	13.251	154	1089970	18.433	ng/u1	99
44) 2-Chloronaphthalene	13.299	162	887241	19.095	ng/u1	99
45) 2-Nitroaniline	13.522	65	263268	24.446	ng/u1	99
47) Dimethylphthalate	13.893	163	1111954	19.172	ng/u1	99
48) 2,6-Dinitrotoluene	14.016	165	227821	23.656	ng/u1	95
50) Acenaphthylene	14.146	152	1357171	19.237	ng/u1	100
51) 3-Nitroaniline	14.351	138	245962	20.859	ng/u1	98
52) Acenaphthene	14.487	153	951197	19.185	ng/u1	99
53) 2,4-Dinitrophenol	14.563	184	140875	21.661	ng/u1	96
55) 4-Nitrophenol	14.693	109	139153	17.652	ng/u1	89
56) Dibenzofuran	14.828	168	1329758	19.646	ng/u1	98
57) 2,4-Dinitrotoluene	14.810	165	338354	23.326	ng/u1	93
58) 2,3,4,6-Tetrachlorophenol	15.063	232	299888	21.456	ng/u1	98
59) Diethylphthalate	15.257	149	1132021	20.059	ng/u1	99
61) Fluorene	15.481	166	1075932	20.006	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.475	204	532463	20.184	ng/u1	100
63) 4-Nitroaniline	15.522	138	230307m	21.618	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.575	198	202520	20.250	ng/u1	99
67) N-Nitrosodiphenylamine	15.693	169	951894	18.747	ng/u1	99
68) 4-Bromophenyl-phenylether	16.375	248	358717	19.809	ng/u1	99
69) Hexachlorobenzene	16.481	284	423232	19.487	ng/u1	100
70) Atrazine	16.657	200	354882	20.175	ng/u1	99
71) Pentachlorophenol	16.840	266	248651	18.641	ng/u1	100
72) Phenanthrene	17.234	178	1810861	19.013	ng/u1	99
74) Anthracene	17.322	178	1835169	19.396	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	461624	17.900	ng/uL	99
76) Pentachlorobenzene	14.740	250	507406	18.632	ng/uL	99
77) Carbazole	17.604	167	1684799	19.993	ng/u1	100
78) Di-n-butylphthalate	18.151	149	2038817	20.825	ng/u1	99
80) Fluoranthene	19.204	202	2184368	20.434	ng/u1	98
82) Pyrene	19.557	202	2253800	20.355	ng/u1	98
83) Butylbenzylphthalate	20.433	149	982557	23.802	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.210	252	651800	17.399	ng/u1	100
85) Benzo(a)anthracene	21.269	228	2083599	18.938	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	1455931	23.065	ng/u1	99
87) Chrysene	21.322	228	1955058	19.008	ng/u1	99
89) Di-n-octyl phthalate	22.104	149	2410297	25.640	ng/u1	100
90) Benzo(b)fluoranthene	22.939	252	1984556	19.886	ng/u1	99
91) Benzo(k)fluoranthene	22.986	252	1868038	19.641	ng/u1	98
93) Benzo(a)pyrene	23.557	252	1662000	19.071	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.133	276	1891878	17.421	ng/u1	97
95) Dibenzo(a,h)anthracene	26.151	278	1701677	17.500	ng/u1	98
96) Benzo(g,h,i)perylene	26.892	276	1668478	17.380	ng/u1	97

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

