

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013010.D
 Acq On : 09 Dec 2022 06:45
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020698

Quant Time: Dec 09 21:48:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
 Supervised By :mohammad ahmed 12/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	700453	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	3047779	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	2001048	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	4452143	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	4029593	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	3755590	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	118813	7.253	ng/uL	0.00
4) Pyridine-d5	3.781	84	887235	19.065	ng/u1	0.00
7) Phenol-d5	7.128	99	1126255	19.740	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	699705	20.330	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	919739	20.478	ng/u1	-0.01
15) 4-Methylphenol-d8	8.681	113	931916	19.935	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	466343	20.826	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	532352	21.117	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.405	165	1018960	20.809	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	1393682	20.161	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	3045657	19.804	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	3459858	20.474	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	548264	19.819	ng/u1	0.00
60) Fluorene-d10	15.604	176	2619504	20.134	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	548829	19.156	ng/u1	0.00
73) Anthracene-d10	17.469	188	4102778	20.426	ng/u1	0.00
81) Pyrene-d10	19.698	212	4713929	20.380	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	3804883	20.326	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	127143	7.434	ng/uL	97
5) Pyridine	3.799	79	888133	19.202	ng/u1	98
6) Benzaldehyde	7.111	77	445374	19.936	ng/u1	99
8) Phenol	7.158	94	1152735	19.983	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.393	93	946348	19.988	ng/u1	99
12) 2-Chlorophenol	7.534	128	934926	20.299	ng/u1	98
13) 2-Methylphenol	8.416	108	898727	19.984	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.505	45	1328294	20.445	ng/u1	97
16) Acetophenone	8.805	105	1490119	20.789	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.787	70	746445	20.709	ng/u1	98
18) 4-Methylphenol	8.746	108	1005826	20.192	ng/u1	98
19) Hexachloroethane	9.063	117	373092	20.271	ng/u1	98
22) Nitrobenzene	9.187	77	1075942	20.476	ng/u1	99
23) Isophorone	9.716	82	2125784	20.007	ng/u1	100
25) 2-Nitrophenol	9.899	139	571559	20.924	ng/u1	99
26) 2,4-Dimethylphenol	9.952	107	1080079	20.265	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.193	93	1345773	19.809	ng/u1	100
29) 2,4-Dichlorophenol	10.434	162	992337	20.688	ng/u1	99
30) Naphthalene	10.840	128	3182182	19.964	ng/u1	100
32) 4-Chloroaniline	10.952	127	1397238	20.425	ng/u1	99
33) Hexachlorobutadiene	11.122	225	665771	20.215	ng/u1	97
34) Caprolactam	11.734	113	306196m	18.722	ng/u1	
35) 4-Chloro-3-methylphenol	12.063	107	1015619	20.748	ng/u1	98
36) 2-Methylnaphthalene	12.440	142	2201577	20.133	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	2253815	20.042	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.810	216	1306939	20.283	ng/ul	99
40) Hexachlorocyclopentadiene	12.787	237	749889	17.884	ng/ul	99
41) 2,4,6-Trichlorophenol	13.046	196	861189	20.797	ng/ul	100
42) 2,4,5-Trichlorophenol	13.116	196	935184	21.025	ng/ul	100
43) 1,1'-Biphenyl	13.446	154	3040785	20.233	ng/ul	99
44) 2-Chloronaphthalene	13.493	162	2399532	20.287	ng/ul	99
45) 2-Nitroaniline	13.693	65	625412	21.808	ng/ul	99
47) Dimethylphthalate	14.069	163	3021592	19.823	ng/ul	100
48) 2,6-Dinitrotoluene	14.187	165	609925	21.531	ng/ul	99
50) Acenaphthylene	14.334	152	3694867	20.337	ng/ul	99
51) 3-Nitroaniline	14.516	138	515093	19.257	ng/ul	98
52) Acenaphthene	14.681	153	2535980	20.143	ng/ul	100
53) 2,4-Dinitrophenol	14.722	184	343062	17.717	ng/ul	97
55) 4-Nitrophenol	14.822	109	375923	19.916	ng/ul	98
56) Dibenzofuran	15.010	168	3601036	20.118	ng/ul	100
57) 2,4-Dinitrotoluene	14.975	165	864572	21.012	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.234	232	834499	20.558	ng/ul	99
59) Diethylphthalate	15.428	149	2943819	19.867	ng/ul	99
61) Fluorene	15.663	166	2927766	20.395	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.651	204	1551190	20.433	ng/ul	99
63) 4-Nitroaniline	15.681	138	494430	21.007	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.740	198	542457	19.375	ng/ul	99
67) N-Nitrosodiphenylamine	15.869	169	2511505	20.347	ng/ul	100
68) 4-Bromophenyl-phenylether	16.551	248	981012	20.290	ng/ul	99
69) Hexachlorobenzene	16.669	284	1159758	20.202	ng/ul	99
70) Atrazine	16.822	200	966750	20.099	ng/ul	99
71) Pentachlorophenol	17.016	266	677928	19.499	ng/ul	99
72) Phenanthrene	17.416	178	4695401	20.248	ng/ul	99
74) Anthracene	17.504	178	4763121	20.571	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.416	216	1300246	20.470	ng/ul	99
76) Pentachlorobenzene	14.928	250	1325475	20.467	ng/ul	100
77) Carbazole	17.775	167	4197028	21.523	ng/ul	100
78) Di-n-butylphthalate	18.316	149	4997580	21.049	ng/ul	100
80) Fluoranthene	19.375	202	5474900	20.855	ng/ul	99
82) Pyrene	19.728	202	5705171	21.068	ng/ul	99
83) Butylbenzylphthalate	20.592	149	2189839	20.932	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.369	252	1695378	18.624	ng/ul	99
85) Benzo(a)anthracene	21.439	228	5446418	20.360	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.351	149	3214058	21.779	ng/ul	99
87) Chrysene	21.498	228	5124171	20.256	ng/ul	100
89) Di-n-octyl phthalate	22.304	149	5282491	25.107	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	4952952	20.682	ng/ul	100
91) Benzo(k)fluoranthene	23.233	252	5007545	21.087	ng/ul	100
93) Benzo(a)pyrene	23.833	252	4229416	20.283	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.557	276	4760998	18.330	ng/ul	99
95) Dibenzo(a,h)anthracene	26.568	278	3989685	18.552	ng/ul	99
96) Benzo(g,h,i)perylene	27.357	276	3669667	17.598	ng/ul	99

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

