

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120222\
 Data File : BP012946.D
 Acq On : 02 Dec 2022 18:52
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020692

Quant Time: Dec 03 01:32:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 01 23:46:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	315203	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1638773	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	1293169	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	3104267	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	3624246	20.000	ng/u1	0.00
88) Perylene-d12	23.992	264	3653029	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	59234	8.362	ng/uL	0.00
4) Pyridine-d5	3.817	84	498948	21.827	ng/u1	0.00
7) Phenol-d5	7.158	99	615575	21.148	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	347319	21.075	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	458947	21.512	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	515953	21.587	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	247378	21.227	ng/u1	0.00
24) 2-Nitrophenol-d4	9.899	143	283669	21.269	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	571444	21.403	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	821686	21.782	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	1896651	20.335	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	2157395	20.950	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	401689	21.056	ng/u1	0.00
60) Fluorene-d10	15.634	176	1734234	21.154	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	347455	19.077	ng/u1	0.00
73) Anthracene-d10	17.498	188	2924752	21.315	ng/u1	0.00
81) Pyrene-d10	19.722	212	3643811	20.454	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.827	264	3747607	20.996	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	59927	7.941	ng/uL#	93
5) Pyridine	3.840	79	492992	22.138	ng/u1	98
6) Benzaldehyde	7.140	77	314524	21.990	ng/u1	99
8) Phenol	7.187	94	649877	21.504	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.422	93	493230	21.157	ng/u1	99
12) 2-Chlorophenol	7.563	128	495798	21.715	ng/u1	98
13) 2-Methylphenol	8.446	108	509999	21.583	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.540	45	702560	21.508	ng/u1	100
16) Acetophenone	8.834	105	837242	22.616	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.816	70	422619	22.456	ng/u1	99
18) 4-Methylphenol	8.775	108	581132	22.023	ng/u1	99
19) Hexachloroethane	9.093	117	179255	21.260	ng/u1	96
22) Nitrobenzene	9.216	77	592071	21.062	ng/u1	98
23) Isophorone	9.746	82	1248443	20.790	ng/u1	99
25) 2-Nitrophenol	9.928	139	320662	21.372	ng/u1	98
26) 2,4-Dimethylphenol	9.981	107	634580	21.536	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.222	93	745704	20.507	ng/u1	98
29) 2,4-Dichlorophenol	10.463	162	591047	21.769	ng/u1	99
30) Naphthalene	10.869	128	1820177	21.053	ng/u1	100
32) 4-Chloroaniline	10.981	127	856565	22.076	ng/u1	99
33) Hexachlorobutadiene	11.157	225	353149	20.651	ng/u1	97
34) Caprolactam	11.757	113	214576m	21.074	ng/u1	
35) 4-Chloro-3-methylphenol	12.093	107	653045	21.761	ng/u1	99
36) 2-Methylnaphthalene	12.475	142	1345838	21.469	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.693	142	1365445	21.630	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.840	216	799645	20.369	ng/u1	97
40) Hexachlorocyclopentadiene	12.816	237	357984	17.908	ng/u1	98
41) 2,4,6-Trichlorophenol	13.075	196	549903	20.439	ng/u1	98
42) 2,4,5-Trichlorophenol	13.145	196	604890	20.902	ng/u1	99
43) 1,1'-Biphenyl	13.475	154	1850854	20.277	ng/u1	99
44) 2-Chloronaphthalene	13.522	162	1493969	20.449	ng/u1	99
45) 2-Nitroaniline	13.722	65	418911	21.304	ng/u1	99
47) Dimethylphthalate	14.092	163	1974834	20.269	ng/u1	100
48) 2,6-Dinitrotoluene	14.216	165	393737	21.661	ng/u1	100
50) Acenaphthylene	14.363	152	2376207	21.058	ng/u1	100
51) 3-Nitroaniline	14.545	138	422270	20.903	ng/u1	98
52) Acenaphthene	14.704	153	1661877	20.783	ng/u1	100
53) 2,4-Dinitrophenol	14.745	184	221327	17.018	ng/u1	99
55) 4-Nitrophenol	14.845	109	290369	21.732	ng/u1	96
56) Dibenzofuran	15.039	168	2380139	21.017	ng/u1	99
57) 2,4-Dinitrotoluene	14.998	165	601828	22.119	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.263	232	580506	21.302	ng/u1	99
59) Diethylphthalate	15.457	149	1996039	20.555	ng/u1	99
61) Fluorene	15.692	166	1989024	21.246	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.681	204	1019844	21.089	ng/u1	99
63) 4-Nitroaniline	15.704	138	437188	22.787	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.763	198	374179	19.388	ng/u1	98
67) N-Nitrosodiphenylamine	15.892	169	1749574	20.618	ng/u1	99
68) 4-Bromophenyl-phenylether	16.581	248	653748	21.274	ng/u1	99
69) Hexachlorobenzene	16.698	284	801723	20.885	ng/u1	99
70) Atrazine	16.851	200	649235	20.616	ng/u1	98
71) Pentachlorophenol	17.039	266	520136	20.922	ng/u1	99
72) Phenanthrene	17.439	178	3461977	21.142	ng/u1	99
74) Anthracene	17.533	178	3548105	21.624	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.445	216	816517	19.745	ng/u1	99
76) Pentachlorobenzene	14.957	250	935942	20.329	ng/u1	98
77) Carbazole	17.798	167	3278783	22.973	ng/u1	99
78) Di-n-butylphthalate	18.339	149	3681654	18.951	ng/u1	100
80) Fluoranthene	19.398	202	4332515	20.518	ng/u1	99
82) Pyrene	19.751	202	4599088	20.935	ng/u1	99
83) Butylbenzylphthalate	20.616	149	1784341	20.154	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.392	252	1659427	20.960	ng/u1	100
85) Benzo(a)anthracene	21.469	228	4849955	21.199	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.374	149	2640459	20.451	ng/u1	99
87) Chrysene	21.521	228	4555241	21.221	ng/u1	99
89) Di-n-octyl phthalate	22.333	149	4674122	25.072	ng/u1	100
90) Benzo(b)fluoranthene	23.221	252	4972786	21.395	ng/u1	100
91) Benzo(k)fluoranthene	23.268	252	4872808	22.108	ng/u1	99
93) Benzo(a)pyrene	23.880	252	4311766	21.011	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.615	276	4612397	18.366	ng/u1	98
95) Dibenzo(a,h)anthracene	26.639	278	4178979	18.585	ng/u1	99
96) Benzo(g,h,i)perylene	27.427	276	3877624	17.787	ng/u1	99

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

Manual Integrations

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