

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
 Data File : BP020271.D
 Acq On : 09 May 2024 17:25
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020788

Quant Time: May 10 05:31:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 08 22:57:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
 Supervised By :mohammad ahmed 05/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	75929	20.000	ng/u1	0.00
20) Naphthalene-d8	10.387	136	313423	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.292	164	219386	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.133	188	480242	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	504458	20.000	ng/u1	-0.01
88) Perylene-d12	24.992	264	596376	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	13678	7.608	ng/uL	0.00
4) Pyridine-d5	3.622	84	96713	18.513	ng/u1	0.00
7) Phenol-d5	6.799	99	116001	17.790	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	69680	17.591	ng/u1	0.00
11) 2-Chlorophenol-d4	7.152	132	89071	19.108	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	94560	17.937	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	45551	19.408	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	53706	19.982	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	96712	19.719	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	126066	18.365	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	302310	18.870	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	332151	18.768	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	38438	15.611	ng/u1	0.00
60) Fluorene-d10	15.310	176	261083	19.538	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.475	200	55915	18.348	ng/u1	0.00
73) Anthracene-d10	17.233	188	406391	19.561	ng/u1	-0.01
81) Pyrene-d10	19.633	212	510018	17.296	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.762	264	549261	19.048	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	15901	7.794	ng/uL	90
5) Pyridine	3.640	79	96689	18.299	ng/u1	97
6) Benzaldehyde	6.787	77	66463	20.278	ng/u1	94
8) Phenol	6.828	94	120888	17.962	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.058	93	96556	18.334	ng/u1	98
12) 2-Chlorophenol	7.187	128	94007	19.315	ng/u1	93
13) 2-Methylphenol	8.057	108	90014	17.930	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.140	45	114496	17.428	ng/u1	98
16) Acetophenone	8.440	105	156385	17.873	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.416	70	85192	17.942	ng/u1	93
18) 4-Methylphenol	8.387	108	98926	18.130	ng/u1	95
19) Hexachloroethane	8.663	117	42829	19.243	ng/u1	96
22) Nitrobenzene	8.816	77	123609	18.346	ng/u1	96
23) Isophorone	9.334	82	230460	17.788	ng/u1	100
25) 2-Nitrophenol	9.516	139	54293	19.502	ng/u1	95
26) 2,4-Dimethylphenol	9.575	107	112636	18.545	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.816	93	131094	18.252	ng/u1	98
29) 2,4-Dichlorophenol	10.052	162	95205	19.956	ng/u1	99
30) Naphthalene	10.434	128	308879	19.120	ng/u1	99
32) 4-Chloroaniline	10.569	127	120835	18.001	ng/u1	95
33) Hexachlorobutadiene	10.693	225	73766	19.908	ng/u1	96
34) Caprolactam	11.387	113	30997m	18.608	ng/u1	
35) 4-Chloro-3-methylphenol	11.704	107	108099	18.199	ng/u1	98
36) 2-Methylnaphthalene	12.063	142	213831	19.023	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	217196	19.202	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.434	216	134620	19.675	ng/ul	97
40) Hexachlorocyclopentadiene	12.393	237	99503	26.740	ng/ul	98
41) 2,4,6-Trichlorophenol	12.698	196	83410	19.439	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	87002	18.843	ng/ul	98
43) 1,1'-Biphenyl	13.098	154	287691	18.540	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	235343	19.114	ng/ul	98
45) 2-Nitroaniline	13.381	65	73326	17.954	ng/ul	94
47) Dimethylphthalate	13.757	163	313812	19.392	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	63372	19.699	ng/ul	97
50) Acenaphthylene	14.004	152	375949	18.886	ng/ul	99
51) 3-Nitroaniline	14.240	138	54026	18.006	ng/ul	98
52) Acenaphthene	14.357	153	251837	18.826	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	49240	24.936	ng/ul	91
55) 4-Nitrophenol	14.575	109	53962	21.049	ng/ul	91
56) Dibenzofuran	14.704	168	354099	19.247	ng/ul	98
57) 2,4-Dinitrotoluene	14.710	165	93847	20.290	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	14.939	232	83233	20.075	ng/ul	97
59) Diethylphthalate	15.157	149	314926	19.496	ng/ul	98
61) Fluorene	15.369	166	292202	19.115	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.375	204	160906	19.841	ng/ul	94
63) 4-Nitroaniline	15.439	138	48059	19.220	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.487	198	60631	19.080	ng/ul	99
67) N-Nitrosodiphenylamine	15.598	169	252955	18.917	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	102263	19.659	ng/ul	94
69) Hexachlorobenzene	16.398	284	119104	19.769	ng/ul	97
70) Atrazine	16.598	200	90644	19.117	ng/ul	96
71) Pentachlorophenol	16.775	266	66465	18.251	ng/ul	97
72) Phenanthrene	17.175	178	474610	19.370	ng/ul	98
74) Anthracene	17.269	178	487896	19.577	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	132606	18.579	ng/uL	96
76) Pentachlorobenzene	14.616	250	137958	19.315	ng/uL	95
77) Carbazole	17.575	167	426927	19.886	ng/ul	99
78) Di-n-butylphthalate	18.163	149	546739	21.010	ng/ul	99
80) Fluoranthene	19.286	202	594624	17.135	ng/ul	98
82) Pyrene	19.663	202	620741	17.191	ng/ul	100
83) Butylbenzylphthalate	20.651	149	262421	19.146	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.551	252	208144	20.274	ng/ul	100
85) Benzo(a)anthracene	21.610	228	659055	19.262	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.563	149	389686	19.707	ng/ul	97
87) Chrysene	21.674	228	617786	19.481	ng/ul	99
89) Di-n-octyl phthalate	22.857	149	675315	17.681	ng/ul	100
90) Benzo(b)fluoranthene	23.927	252	662913	18.686	ng/ul	100
91) Benzo(k)fluoranthene	23.998	252	657373	18.183	ng/ul	99
93) Benzo(a)pyrene	24.839	252	638684	18.921	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.798	276	783278m	18.929	ng/ul	
95) Dibenzo(a,h)anthracene	28.892	278	651584m	19.037	ng/ul	
96) Benzo(g,h,i)perylene	30.009	276	619374	18.559	ng/ul	97

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

