

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
 Data File : BP020257.D
 Acq On : 09 May 2024 05:37
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020787

Quant Time: May 09 06:10:41 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 05/09/2024
 Supervised By :mohammad ahmed 05/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	128284	20.000	ng/u1	0.00
20) Naphthalene-d8	10.392	136	516649	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.280	164	324515	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.127	188	619916	20.000	ng/u1	-0.01
79) Chrysene-d12	21.633	240	611788	20.000	ng/u1	0.00
88) Perylene-d12	24.992	264	701411	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	20392	6.713	ng/uL	0.00
4) Pyridine-d5	3.616	84	143030	16.206	ng/u1	0.00
7) Phenol-d5	6.804	99	199344	18.094	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	119076	17.793	ng/u1	0.00
11) 2-Chlorophenol-d4	7.151	132	152065	19.308	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	160737	18.046	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	74858	19.349	ng/u1	0.00
24) 2-Nitrophenol-d4	9.492	143	88607	20.000	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	159084	19.677	ng/u1	0.00
31) 4-Chloroaniline-d4	10.545	131	197141	17.422	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	435373	18.372	ng/u1	-0.01
49) Acenaphthylene-d8	13.969	160	504135	19.258	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.545	143	49245	13.521	ng/u1	0.00
60) Fluorene-d10	15.310	176	362003	18.314	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.469	200	59734	15.185	ng/u1	-0.01
73) Anthracene-d10	17.227	188	520667	19.415	ng/u1	-0.02
81) Pyrene-d10	19.639	212	600191	16.783	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.762	264	647316	19.087	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	22000	6.383	ng/uL	94
5) Pyridine	3.634	79	152421	17.074	ng/u1	97
6) Benzaldehyde	6.793	77	111967	20.219	ng/u1	99
8) Phenol	6.828	94	202322	17.793	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.063	93	164976	18.541	ng/u1	99
12) 2-Chlorophenol	7.187	128	157277	19.127	ng/u1	95
13) 2-Methylphenol	8.063	108	151728	17.889	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.140	45	200631	18.076	ng/u1	98
16) Acetophenone	8.445	105	268219	18.144	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.422	70	140572	17.523	ng/u1	99
18) 4-Methylphenol	8.392	108	163510	17.736	ng/u1	98
19) Hexachloroethane	8.663	117	70565	18.766	ng/u1	91
22) Nitrobenzene	8.822	77	204489	18.412	ng/u1	98
23) Isophorone	9.339	82	379275	17.760	ng/u1	99
25) 2-Nitrophenol	9.522	139	91940	20.034	ng/u1	94
26) 2,4-Dimethylphenol	9.581	107	184697	18.448	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.822	93	220148	18.594	ng/u1	100
29) 2,4-Dichlorophenol	10.051	162	157391	20.014	ng/u1	97
30) Naphthalene	10.445	128	509837	19.145	ng/u1	99
32) 4-Chloroaniline	10.575	127	189549	17.131	ng/u1	98
33) Hexachlorobutadiene	10.704	225	125937	20.618	ng/u1	97
34) Caprolactam	11.398	113	41982m	15.289	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	172178	17.585	ng/u1	98
36) 2-Methylnaphthalene	12.069	142	345817	18.664	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
 Data File : BP020257.D
 Acq On : 09 May 2024 05:37
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020787

Quant Time: May 09 06:10:41 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 05/09/2024
 Supervised By :mohammad ahmed 05/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.286	142	346605	18.589	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.433	216	213217	21.067	ng/ul	100
40) Hexachlorocyclopentadiene	12.398	237	88651	16.106	ng/ul	94
41) 2,4,6-Trichlorophenol	12.698	196	128601	20.262	ng/ul	95
42) 2,4,5-Trichlorophenol	12.775	196	134196	19.649	ng/ul	99
43) 1,1'-Biphenyl	13.098	154	455860	19.861	ng/ul	99
44) 2-Chloronaphthalene	13.139	162	365718	20.080	ng/ul	98
45) 2-Nitroaniline	13.375	65	106525	17.633	ng/ul	97
47) Dimethylphthalate	13.751	163	434430	18.149	ng/ul	99
48) 2,6-Dinitrotoluene	13.880	165	88179	18.530	ng/ul	97
50) Acenaphthylene	13.998	152	565211	19.196	ng/ul	99
51) 3-Nitroaniline	14.227	138	74564	16.800	ng/ul	97
52) Acenaphthene	14.345	153	374723	18.938	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	35349m	12.102	ng/ul	
55) 4-Nitrophenol	14.557	109	48050	12.671	ng/ul	92
56) Dibenzofuran	14.704	168	510021	18.741	ng/ul	96
57) 2,4-Dinitrotoluene	14.698	165	122016	17.834	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.933	232	111922	18.250	ng/ul	97
59) Diethylphthalate	15.145	149	428271	17.923	ng/ul	99
61) Fluorene	15.369	166	406263	17.967	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.369	204	223273	18.612	ng/ul	96
63) 4-Nitroaniline	15.427	138	64598	17.465	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.480	198	64293	15.674	ng/ul	98
67) N-Nitrosodiphenylamine	15.592	169	337818	19.572	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	136276	20.295	ng/ul	97
69) Hexachlorobenzene	16.392	284	156096	20.071	ng/ul	99
70) Atrazine	16.598	200	108413	17.713	ng/ul	98
71) Pentachlorophenol	16.768	266	86449	18.390	ng/ul	100
72) Phenanthrene	17.168	178	612674	19.371	ng/ul	98
74) Anthracene	17.268	178	617475	19.194	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	209307	22.718	ng/uL	98
76) Pentachlorobenzene	14.604	250	197564	21.428	ng/uL	97
77) Carbazole	17.568	167	522971	18.871	ng/ul	98
78) Di-n-butylphthalate	18.157	149	656079	19.531	ng/ul	99
80) Fluoranthene	19.286	202	705380	16.760	ng/ul	100
82) Pyrene	19.668	202	742795	16.963	ng/ul	99
83) Butylbenzylphthalate	20.645	149	292771	17.612	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.539	252	235015	18.875	ng/ul	99
85) Benzo(a)anthracene	21.609	228	780688	18.814	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.556	149	425798	17.756	ng/ul#	98
87) Chrysene	21.680	228	722740	18.792	ng/ul	98
89) Di-n-octyl phthalate	22.856	149	747480	16.640	ng/ul	100
90) Benzo(b)fluoranthene	23.927	252	791259	18.964	ng/ul	98
91) Benzo(k)fluoranthene	23.997	252	826464	19.437	ng/ul	99
93) Benzo(a)pyrene	24.839	252	766804	19.315	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.809	276	953052m	19.583	ng/ul	
95) Dibenzo(a,h)anthracene	28.891	278	773588	19.217	ng/ul	97
96) Benzo(g,h,i)perylene	29.980	276	754901	19.232	ng/ul	98

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

