

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111224\
 Data File : BP023048.D
 Acq On : 12 Nov 2024 15:54
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020713

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 13 01:57:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 12 23:59:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	64345	20.000	ng/u1	0.00
20) Naphthalene-d8	10.334	136	256060	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.204	164	212149	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.004	188	553640	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.433	240	615282	20.000	ng/u1	-0.02
88) Perylene-d12	24.651	264	754255	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	11830	8.837	ng/uL	0.00
4) Pyridine-d5	3.552	84	83778	21.065	ng/u1	0.00
7) Phenol-d5	6.787	99	98361	20.676	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	59801	21.396	ng/u1	0.00
11) 2-Chlorophenol-d4	7.134	132	75531	21.679	ng/u1	0.00
15) 4-Methylphenol-d8	8.299	113	81610	20.847	ng/u1	0.00
21) Nitrobenzene-d5	8.728	128	38563	21.633	ng/u1	0.00
24) 2-Nitrophenol-d4	9.440	143	45389	21.358	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	95501	21.458	ng/u1	0.00
31) 4-Chloroaniline-d4	10.481	131	109963	20.710	ng/u1	0.00
46) Dimethylphthalate-d6	13.604	166	333623	21.819	ng/u1	-0.01
49) Acenaphthylene-d8	13.892	160	352081	22.068	ng/u1	0.00
54) 4-Nitrophenol-d4	14.463	143	43910	19.109	ng/u1	0.01
60) Fluorene-d10	15.216	176	292497	21.819	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	65155	19.645	ng/u1	-0.01
73) Anthracene-d10	17.098	188	507575	21.653	ng/u1	-0.02
81) Pyrene-d10	19.492	212	647258	22.839	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.427	264	786473	21.890	ng/u1	-0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.169	88	12889	8.333	ng/uL	97
5) Pyridine	3.569	79	84162	21.071	ng/u1	98
6) Benzaldehyde	6.757	77	70621m	25.797	ng/u1	
8) Phenol	6.810	94	104514	21.039	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.028	93	77968	20.886	ng/u1	95
12) 2-Chlorophenol	7.163	128	77547	21.438	ng/u1	97
13) 2-Methylphenol	8.034	108	77377	20.867	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.093	45	91636	21.684	ng/u1	95
16) Acetophenone	8.399	105	139937	21.272	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.381	70	72345	22.025	ng/u1	99
18) 4-Methylphenol	8.363	108	85854	20.961	ng/u1	98
19) Hexachloroethane	8.640	117	37669	21.532	ng/u1	97
22) Nitrobenzene	8.769	77	109092	21.328	ng/u1	95
23) Isophorone	9.287	82	198615	21.716	ng/u1	99
25) 2-Nitrophenol	9.469	139	48352	21.556	ng/u1	98
26) 2,4-Dimethylphenol	9.534	107	106453	21.977	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.757	93	110909	22.039	ng/u1	98
29) 2,4-Dichlorophenol	10.010	162	96146	21.810	ng/u1	96
30) Naphthalene	10.387	128	258728	20.798	ng/u1	99
32) 4-Chloroaniline	10.504	127	106574	20.718	ng/u1	100
33) Hexachlorobutadiene	10.657	225	82035	20.566	ng/u1	100
34) Caprolactam	11.310	113	27266m	20.794	ng/u1	
35) 4-Chloro-3-methylphenol	11.645	107	103947	21.918	ng/u1	96
36) 2-Methylnaphthalene	11.998	142	199816	21.276	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111224\
 Data File : BP023048.D
 Acq On : 12 Nov 2024 15:54
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020713

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 13 01:57:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 12 23:59:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.216	142	207571	21.620	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.369	216	152991	21.361	ng/ul	96
40) Hexachlorocyclopentadiene	12.340	237	70639	18.778	ng/ul	98
41) 2,4,6-Trichlorophenol	12.628	196	96410	22.106	ng/ul	91
42) 2,4,5-Trichlorophenol	12.716	196	105380	22.413	ng/ul	100
43) 1,1'-Biphenyl	13.016	154	297490	21.884	ng/ul	99
44) 2-Chloronaphthalene	13.063	162	238971	21.505	ng/ul	99
45) 2-Nitroaniline	13.287	65	70233	22.509	ng/ul	90
47) Dimethylphthalate	13.651	163	329951	21.881	ng/ul	98
48) 2,6-Dinitrotoluene	13.792	165	64243	21.902	ng/ul	98
50) Acenaphthylene	13.916	152	357102	22.143	ng/ul	98
51) 3-Nitroaniline	14.134	138	56791	22.479	ng/ul#	97
52) Acenaphthene	14.263	153	255692	21.839	ng/ul	99
53) 2,4-Dinitrophenol	14.351	184	36048	17.320	ng/ul	91
55) 4-Nitrophenol	14.481	109	50304	18.712	ng/ul	98
56) Dibenzofuran	14.604	168	398840	22.048	ng/ul	96
57) 2,4-Dinitrotoluene	14.598	165	103868	22.218	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.857	232	101620	22.111	ng/ul	95
59) Diethylphthalate	15.045	149	326403	21.886	ng/ul	99
61) Fluorene	15.275	166	324169	21.894	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.263	204	192363	22.065	ng/ul	96
63) 4-Nitroaniline	15.310	138	58505	24.887	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.381	198	70739	19.967	ng/ul	97
67) N-Nitrosodiphenylamine	15.492	169	283687	22.175	ng/ul	99
68) 4-Bromophenyl-phenylether	16.181	248	134790	21.500	ng/ul	97
69) Hexachlorobenzene	16.298	284	168289	21.323	ng/ul	94
70) Atrazine	16.469	200	128644	20.803	ng/ul	99
71) Pentachlorophenol	16.663	266	95781	19.547	ng/ul	99
72) Phenanthrene	17.045	178	565306	21.626	ng/ul	99
74) Anthracene	17.139	178	565412	21.514	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.981	216	152528	20.866	ng/uL	97
76) Pentachlorobenzene	14.534	250	174544	20.912	ng/uL	96
77) Carbazole	17.433	167	495572	21.613	ng/ul	99
78) Di-n-butylphthalate	18.016	149	560089	22.012	ng/ul	99
80) Fluoranthene	19.145	202	754136	23.098	ng/ul	100
82) Pyrene	19.522	202	792789	22.603	ng/ul	99
83) Butylbenzylphthalate	20.469	149	270284	23.406	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.345	252	307223	22.244	ng/ul	100
85) Benzo(a)anthracene	21.416	228	841425	22.396	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	383857	23.391	ng/ul	97
87) Chrysene	21.480	228	786452	22.247	ng/ul	99
89) Di-n-octyl phthalate	22.568	149	635351	20.763	ng/ul	100
90) Benzo(b)fluoranthene	23.639	252	926676	22.073	ng/ul	100
91) Benzo(k)fluoranthene	23.704	252	890418m	21.545	ng/ul	
93) Benzo(a)pyrene	24.504	252	832624	21.940	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.292	276	1106403	20.925	ng/ul	98
95) Dibenzo(a,h)anthracene	28.350	278	893313	20.808	ng/ul	99
96) Benzo(g,h,i)perylene	29.445	276	843475m	21.003	ng/ul	

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

