

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
 Data File : BP022743.D
 Acq On : 30 Oct 2024 19:51
 Operator : RC/JU
 Sample : P4493-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F31MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024

Quant Time: Oct 31 22:32:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	89673	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	350022	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	277354	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.063	188	674722	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	679418	20.000	ng/u1	0.01
88) Perylene-d12	24.768	264	807526	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	8597	3.726	ng/uL	0.00
4) Pyridine-d5	3.587	84	119685	18.893	ng/u1	0.00
7) Phenol-d5	6.834	99	186290	24.679	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	105304	23.736	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	142250	26.558	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	155027	25.735	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	69286	25.744	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	86776	27.850	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	187754	28.351	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	171346	21.897	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	570277	25.879	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	611175	26.113	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	81216	21.969	ng/u1	-0.01
60) Fluorene-d10	15.275	176	500925	26.208	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	90712	20.442	ng/u1	0.01
73) Anthracene-d10	17.169	188	840074	26.467	ng/u1	0.00
81) Pyrene-d10	19.545	212	1046344	29.123	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.545	264	1187978	27.547	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	26569	10.708	ng/uL	92
5) Pyridine	3.605	79	196908	30.315	ng/u1	96
6) Benzaldehyde	6.799	77	23661	5.800	ng/u1	92
8) Phenol	6.858	94	284979	36.287	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.069	93	200949	34.189	ng/u1	99
12) 2-Chlorophenol	7.211	128	206330	37.253	ng/u1	95
13) 2-Methylphenol	8.081	108	207758	36.452	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.146	45	225091	32.952	ng/u1	98
16) Acetophenone	8.446	105	341092	34.297	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.434	70	171182	33.974	ng/u1	97
18) 4-Methylphenol	8.411	108	226411	35.809	ng/u1	96
19) Hexachloroethane	8.693	117	91716	35.556	ng/u1	98
22) Nitrobenzene	8.822	77	275279	34.266	ng/u1	99
23) Isophorone	9.346	82	485910	33.735	ng/u1	98
25) 2-Nitrophenol	9.522	139	126842	37.773	ng/u1	96
26) 2,4-Dimethylphenol	9.587	107	257951	35.341	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.810	93	273558	33.449	ng/u1	99
29) 2,4-Dichlorophenol	10.057	162	251195	38.518	ng/u1	99
30) Naphthalene	10.446	128	670113	35.944	ng/u1	98
32) 4-Chloroaniline	10.557	127	189791	24.571	ng/u1	96
33) Hexachlorobutadiene	10.722	225	202908	36.916	ng/u1	98
34) Caprolactam	11.352	113	71514	34.014	ng/u1	90
35) 4-Chloro-3-methylphenol	11.699	107	269513	37.878	ng/u1	98
36) 2-Methylnaphthalene	12.057	142	502764	36.738	ng/u1	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
 Data File : BP022743.D
 Acq On : 30 Oct 2024 19:51
 Operator : RC/JU
 Sample : P4493-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F31MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024

Quant Time: Oct 31 22:32:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	494102	35.374	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.434	216	377757	36.835	ng/ul	96
40) Hexachlorocyclopentadiene	12.404	237	94490	15.123	ng/ul	97
41) 2,4,6-Trichlorophenol	12.687	196	241618	37.455	ng/ul	98
42) 2,4,5-Trichlorophenol	12.763	196	269475	39.232	ng/ul	99
43) 1,1'-Biphenyl	13.081	154	714748	35.753	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	593216	36.248	ng/ul	100
45) 2-Nitroaniline	13.340	65	171356	35.066	ng/ul	93
47) Dimethylphthalate	13.716	163	750688	34.187	ng/ul	100
48) 2,6-Dinitrotoluene	13.846	165	159725	38.457	ng/ul	91
50) Acenaphthylene	13.975	152	851289	35.046	ng/ul	98
51) 3-Nitroaniline	14.181	138	136572	35.010	ng/ul	97
52) Acenaphthene	14.322	153	606632	35.317	ng/ul	98
53) 2,4-Dinitrophenol	14.404	184	79370	25.973	ng/ul	93
55) 4-Nitrophenol	14.516	109	145077	35.358	ng/ul	95
56) Dibenzofuran	14.663	168	908025	35.192	ng/ul	100
57) 2,4-Dinitrotoluene	14.645	165	239578	37.121	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.910	232	244070	38.069	ng/ul	96
59) Diethylphthalate	15.104	149	739303	35.094	ng/ul	99
61) Fluorene	15.328	166	751670	35.754	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.310	204	424959	35.348	ng/ul	95
63) 4-Nitroaniline	15.357	138	149698	38.137	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.434	198	136555	28.569	ng/ul	98
67) N-Nitrosodiphenylamine	15.551	169	645461	35.723	ng/ul	99
68) 4-Bromophenyl-phenylether	16.240	248	306158	37.627	ng/ul	97
69) Hexachlorobenzene	16.351	284	379446	37.886	ng/ul	98
70) Atrazine	16.534	200	279123	37.164	ng/ul	96
71) Pentachlorophenol	16.716	266	235073	36.504	ng/ul	98
72) Phenanthrene	17.110	178	1299259	35.992	ng/ul	99
74) Anthracene	17.204	178	1257097	34.896	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	378230	36.816	ng/ul	97
76) Pentachlorobenzene	14.587	250	412940	36.360	ng/ul	99
77) Carbazole	17.486	167	1121044	35.170	ng/ul	99
78) Di-n-butylphthalate	18.069	149	1259584	35.713	ng/ul	100
80) Fluoranthene	19.198	202	1703182	41.235	ng/ul	97
82) Pyrene	19.575	202	1766051	39.893	ng/ul	99
83) Butylbenzylphthalate	20.528	149	583656	37.867	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.410	252	398717	24.619	ng/ul	96
85) Benzo(a)anthracene	21.486	228	1778415	37.338	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	808121	36.527	ng/ul	97
87) Chrysene	21.557	228	1640506	37.146	ng/ul	100
89) Di-n-octyl phthalate	22.663	149	1374667	35.788	ng/ul	100
90) Benzo(b)fluoranthene	23.739	252	1862290	36.637	ng/ul#	99
91) Benzo(k)fluoranthene	23.804	252	1885309m	37.883	ng/ul	
93) Benzo(a)pyrene	24.616	252	1703321	36.410	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.480	276	2354163	37.710	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.539	278	1867492	36.941	ng/ul#	98
96) Benzo(g,h,i)perylene	29.615	276	1821269	37.507	ng/ul	98

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

