

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014834.D
 Acq On : 26 Apr 2023 11:36
 Operator : CG/JU
 Sample : 02418-20MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW8Z5MS

Quant Time: Apr 26 23:06:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 26 02:53:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	320374	20.000	ng/u1	0.00
20) Naphthalene-d8	11.034	136	1359060	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.834	164	818921	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.581	188	1672283	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	981118	20.000	ng/u1	0.00
88) Perylene-d12	24.257	264	1043722	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.505	96	23152	2.841	ng/uL	0.00
4) Pyridine-d5	3.970	84	10484m	0.444	ng/u1	0.03
7) Phenol-d5	7.340	99	461365	15.841	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	331580	18.945	ng/u1	0.00
11) 2-Chlorophenol-d4	7.722	132	399913	18.596	ng/u1	0.00
15) 4-Methylphenol-d8	8.905	113	342931	14.660	ng/u1	0.00
21) Nitrobenzene-d5	9.375	128	205794	20.228	ng/u1	0.00
24) 2-Nitrophenol-d4	10.105	143	219018	20.945	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.646	165	443853	20.421	ng/u1	0.00
31) 4-Chloroaniline-d4	11.163	131	412638	13.231	ng/u1	0.00
46) Dimethylphthalate-d6	14.234	166	1308163	20.587	ng/u1	0.00
49) Acenaphthylene-d8	14.528	160	1542394	21.172	ng/u1	0.00
54) 4-Nitrophenol-d4	15.004	143	161256	13.930	ng/u1	0.00
60) Fluorene-d10	15.822	176	1135294	20.985	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.934	200	138849	14.963	ng/u1	0.00
73) Anthracene-d10	17.681	188	1672499	21.299	ng/u1	0.00
81) Pyrene-d10	19.892	212	1650373	27.668	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.086	264	1160831	21.454	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.540	88	74468	8.469	ng/uL	98
6) Benzaldehyde	7.328	77	459386m	32.847	ng/u1	
8) Phenol	7.369	94	842438	27.813	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.611	93	609856	25.118	ng/u1	99
12) 2-Chlorophenol	7.758	128	593533	26.461	ng/u1	98
13) 2-Methylphenol	8.640	108	604870	26.476	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.734	45	766111	25.318	ng/u1	99
16) Acetophenone	9.034	105	1161233	31.733	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.016	70	472990	25.257	ng/u1	99
18) 4-Methylphenol	8.969	108	669686	26.185	ng/u1	100
19) Hexachloroethane	9.299	117	237455	26.244	ng/u1	98
22) Nitrobenzene	9.416	77	689369	26.638	ng/u1	99
23) Isophorone	9.946	82	1396060	26.113	ng/u1	99
25) 2-Nitrophenol	10.134	139	326181	27.944	ng/u1	100
26) 2,4-Dimethylphenol	10.187	107	659415	25.458	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.428	93	857067	25.465	ng/u1	99
29) 2,4-Dichlorophenol	10.669	162	611195	28.221	ng/u1	98
30) Naphthalene	11.087	128	2082496	27.702	ng/u1	100
32) 4-Chloroaniline	11.187	127	579318	18.436	ng/u1	99
33) Hexachlorobutadiene	11.369	225	380250	27.605	ng/u1	98
34) Caprolactam	11.963	113	187078	26.200	ng/u1	96
35) 4-Chloro-3-methylphenol	12.293	107	645001	26.896	ng/u1	98
36) 2-Methylnaphthalene	12.675	142	1379873	27.035	ng/u1	99
37) 1-Methylnaphthalene	12.893	142	1408597	27.683	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014834.D
 Acq On : 26 Apr 2023 11:36
 Operator : CG/JU
 Sample : 02418-20MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW8Z5MS

Quant Time: Apr 26 23:06:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 26 02:53:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	13.040	216	725979	28.296	ng/ul	99
40) Hexachlorocyclopentadiene	13.016	237	363895	24.477	ng/ul	99
41) 2,4,6-Trichlorophenol	13.269	196	487280	29.923	ng/ul	99
42) 2,4,5-Trichlorophenol	13.340	196	528308	29.357	ng/ul	98
43) 1,1'-Biphenyl	13.669	154	1812379	28.154	ng/ul	100
44) 2-Chloronaphthalene	13.716	162	1394683	27.675	ng/ul	99
45) 2-Nitroaniline	13.910	65	379407	30.061	ng/ul	99
47) Dimethylphthalate	14.281	163	1739202	27.309	ng/ul	100
48) 2,6-Dinitrotoluene	14.404	165	337976	29.619	ng/ul	96
50) Acenaphthylene	14.557	152	2346867	29.829	ng/ul	99
51) 3-Nitroaniline	14.728	138	322590	25.774	ng/ul	98
52) Acenaphthene	14.898	153	1669084	30.863	ng/ul	99
53) 2,4-Dinitrophenol	14.934	184	157867	23.485	ng/ul	93
55) 4-Nitrophenol	15.022	109	235494	27.188	ng/ul	96
56) Dibenzofuran	15.228	168	2249730	29.539	ng/ul	99
57) 2,4-Dinitrotoluene	15.187	165	486439	28.932	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.445	232	438392	28.889	ng/ul	100
59) Diethylphthalate	15.640	149	1733608	28.109	ng/ul	99
61) Fluorene	15.875	166	1886205	31.396	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.863	204	838775	27.540	ng/ul	99
63) 4-Nitroaniline	15.892	138	336906	29.842	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.945	198	240424	25.778	ng/ul	98
67) N-Nitrosodiphenylamine	16.075	169	1448116	29.444	ng/ul	99
68) 4-Bromophenyl-phenylether	16.763	248	531498	29.372	ng/ul	99
69) Hexachlorobenzene	16.881	284	608116	28.979	ng/ul	100
70) Atrazine	17.028	200	429591	25.558	ng/ul	100
71) Pentachlorophenol	17.222	266	345463	28.063	ng/ul	98
72) Phenanthrene	17.628	178	6758743	73.803	ng/ul	99
74) Anthracene	17.716	178	3271233	35.429	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.640	216	735466	29.543	ng/uL	100
76) Pentachlorobenzene	15.145	250	723360	29.431	ng/uL	99
77) Carbazole	17.975	167	2758083	35.097	ng/ul	99
78) Di-n-butylphthalate	18.510	149	3003811	32.206	ng/ul	100
80) Fluoranthene	19.575	202	7837010	111.484	ng/ul	100
82) Pyrene	19.928	202	7234890	99.510	ng/ul	98
83) Butylbenzylphthalate	20.775	149	1268386	51.995	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.563	252	236221	11.538	ng/ul	99
85) Benzo(a)anthracene	21.639	228	3893433	57.043	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.539	149	6809692	188.044	ng/ul#	97
87) Chrysene	21.698	228	3837609	59.311	ng/ul	99
89) Di-n-octyl phthalate	22.527	149	2124446	30.616	ng/ul	100
90) Benzo(b)fluoranthene	23.457	252	4507148	63.056	ng/ul	97
91) Benzo(k)fluoranthene	23.510	252	2783198	40.147	ng/ul	99
93) Benzo(a)pyrene	24.139	252	3364930	55.580	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.021	276	3610740	52.888	ng/ul	98
95) Dibenzo(a,h)anthracene	27.039	278	2206518	38.754	ng/ul	98
96) Benzo(g,h,i)perylene	27.862	276	1277970	23.627	ng/ul	99

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

