

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
 Data File : BM035985.D
 Acq On : 28 Jul 2022 15:01
 Operator : CG/JU
 Sample : SP5945
 Misc : SFAM SPIKE
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP5945

Quant Time: Jul 29 00:50:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 27 23:55:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2022
 Supervised By :mohammad ahmed 07/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	321338	20.000	ng/ul	0.00
20) Naphthalene-d8	10.686	136	1299373	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.521	164	705910	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.256	188	1318433	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	1138882	20.000	ng/ul	0.00
88) Perylene-d12	23.815	264	1162767	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.304	88	270721	30.591	ng/uL	94
5) Pyridine	3.710	79	1819440	74.111	ng/ul	85
6) Benzaldehyde	7.022	77	1523966	134.746	ng/ul	99
8) Phenol	7.075	94	2297177	77.898	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.310	93	1846214	77.873	ng/ul	95
12) 2-Chlorophenol	7.445	128	1920430	83.696	ng/ul	97
13) 2-Methylphenol	8.333	108	1737213	78.855	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.416	45	2401367	76.737	ng/ul	97
16) Acetophenone	8.716	105	2645047	75.466	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.704	70	1320320	75.539	ng/ul	93
18) 4-Methylphenol	8.669	108	1826125	77.268	ng/ul	96
19) Hexachloroethane	8.957	117	796989	84.185	ng/ul	91
22) Nitrobenzene	9.092	77	1928920	81.866	ng/ul	98
23) Isophorone	9.627	82	3617801	81.340	ng/ul	99
25) 2-Nitrophenol	9.804	139	985484	88.550	ng/ul	96
26) 2,4-Dimethylphenol	9.869	107	1919478	84.407	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.110	93	2307150	82.247	ng/ul	100
29) 2,4-Dichlorophenol	10.339	162	1632237	86.678	ng/ul	98
30) Naphthalene	10.739	128	5623757	81.998	ng/ul	99
32) 4-Chloroaniline	10.851	127	2092487	68.582	ng/ul	99
33) Hexachlorobutadiene	11.016	225	1057150	90.936	ng/ul	98
34) Caprolactam	11.663	113	469409m	75.425	ng/ul	
35) 4-Chloro-3-methylphenol	11.986	107	1615665	82.512	ng/ul	96
36) 2-Methylnaphthalene	12.351	142	3641717	81.158	ng/ul	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
 Data File : BM035985.D
 Acq On : 28 Jul 2022 15:01
 Operator : CG/JU
 Sample : SP5945
 Misc : SFAM SPIKE
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP5945

Quant Time: Jul 29 00:50:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 27 23:55:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2022
 Supervised By :mohammad ahmed 07/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.568	142	3608149	79.775	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.716	216	1808957	90.024	ng/ul	100
40) Hexachlorocyclopentadiene	12.692	237	1142753	85.389	ng/ul	97
41) 2,4,6-Trichlorophenol	12.957	196	1202230	93.492	ng/ul	98
42) 2,4,5-Trichlorophenol	13.033	196	1272220	92.720	ng/ul	100
43) 1,1'-Biphenyl	13.363	154	4614923	84.937	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	3537171	84.828	ng/ul	98
45) 2-Nitroaniline	13.610	65	987504	85.901	ng/ul	97
47) Dimethylphthalate	13.986	163	4064467	84.034	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	883007	91.954	ng/ul	98
50) Acenaphthylene	14.245	152	5616563	82.757	ng/ul	99
51) 3-Nitroaniline	14.433	138	940051	88.579	ng/ul	98
52) Acenaphthene	14.586	153	3628521	82.411	ng/ul	98
53) 2,4-Dinitrophenol	14.639	184	424666	77.888	ng/ul	95
55) 4-Nitrophenol	14.739	109	554898	73.477	ng/ul	84
56) Dibenzofuran	14.921	168	4975248	81.667	ng/ul	98
57) 2,4-Dinitrotoluene	14.892	165	1183148	87.407	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.145	232	977054	90.631	ng/ul	98
59) Diethylphthalate	15.345	149	4152941	84.887	ng/ul	99
61) Fluorene	15.568	166	3980850	79.992	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.562	204	1984226	83.217	ng/ul	95
63) 4-Nitroaniline	15.598	138	984799	100.797	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.651	198	558850	78.805	ng/ul#	96
67) N-Nitrosodiphenylamine	15.774	169	3352457	86.492	ng/ul	100
68) 4-Bromophenyl-phenylether	16.451	248	1185127	91.691	ng/ul	99
69) Hexachlorobenzene	16.562	284	1375127	87.317	ng/ul	100
70) Atrazine	16.733	200	1155476	85.948	ng/ul	99
71) Pentachlorophenol	16.909	266	842349	87.553	ng/ul	99
72) Phenanthrene	17.303	178	5823552	82.412	ng/ul	98
74) Anthracene	17.392	178	5952584	83.949	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.321	216	1778402	86.740	ng/ul	98
76) Pentachlorobenzene	14.833	250	1638350	88.153	ng/ul	99
77) Carbazole	17.668	167	5301404	80.950	ng/ul	99
78) Di-n-butylphthalate	18.233	149	6815740	92.242	ng/ul	99
80) Fluoranthene	19.315	202	6436818	85.354	ng/ul	97
82) Pyrene	19.680	202	6520361	83.884	ng/ul	96
83) Butylbenzylphthalate	20.580	149	2864517	101.324	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.362	252	2262344	107.648	ng/ul#	97
85) Benzo(a)anthracene	21.427	228	6043823	84.313	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.356	149	4124745	100.974	ng/ul	98
87) Chrysene	21.480	228	5812967	83.111	ng/ul	97
89) Di-n-octyl phthalate	22.274	149	6769283	90.151	ng/ul	100
90) Benzo(b)fluoranthene	23.091	252	6201229	79.912	ng/ul	97
91) Benzo(k)fluoranthene	23.144	252	6029715m	81.883	ng/ul	
93) Benzo(a)pyrene	23.715	252	6170198m	83.478	ng/ul	
94) Indeno(1,2,3-cd)pyrene	26.297	276	7312756	92.819	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.315	278	6263816	92.670	ng/ul#	95
96) Benzo(g,h,i)perylene	27.062	276	6177040	94.612	ng/ul	94

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

