

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
 Data File : BP014981.D
 Acq On : 05 May 2023 13:42
 Operator : CG/JU
 Sample : 02479-22MSD 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW975MSD

Quant Time: May 05 23:06:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo

05/08/2023
 Supervised By :Jagrut
 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	386381	20.000	ng/u1	0.00
20) Naphthalene-d8	11.004	136	1703639	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	1057359	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.569	188	2185888	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	1372458	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1342112	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	3645	0.351	ng/uL	0.00
4) Pyridine-d5	3.916	84	19363	0.682	ng/u1	0.02
7) Phenol-d5	7.310	99	84292	2.516	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	51420	2.483	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	65449	2.657	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	65555	2.539	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	32035	2.644	ng/u1	0.00
24) 2-Nitrophenol-d4	10.075	143	35087	2.820	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	69966	2.864	ng/u1	0.00
31) 4-Chloroaniline-d4	11.134	131	50146	1.419	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	224177	2.996	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	258036	2.875	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	29474	2.264	ng/u1	0.00
60) Fluorene-d10	15.804	176	196797	3.057	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	26784	2.177	ng/u1	0.00
73) Anthracene-d10	17.663	188	297727	3.031	ng/u1	0.00
81) Pyrene-d10	19.880	212	313286	3.384	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	202785	3.101	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.293	77	57175	6.243	ng/u1	98
8) Phenol	7.340	94	110626	3.145	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.575	93	76890	2.630	ng/u1	99
12) 2-Chlorophenol	7.722	128	76222	2.857	ng/u1	100
13) 2-Methylphenol	8.610	108	76280	2.909	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.699	45	101162	2.728	ng/u1	100
16) Acetophenone	8.999	105	145290	3.442	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.975	70	62930	2.925	ng/u1	99
18) 4-Methylphenol	8.940	108	84560	2.917	ng/u1	99
19) Hexachloroethane	9.263	117	32195	2.781	ng/u1	98
22) Nitrobenzene	9.387	77	87662	2.754	ng/u1	97
23) Isophorone	9.916	82	182998	2.908	ng/u1	98
25) 2-Nitrophenol	10.104	139	42004	2.936	ng/u1	97
26) 2,4-Dimethylphenol	10.157	107	85559	2.755	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.398	93	110672	2.751	ng/u1	99
29) 2,4-Dichlorophenol	10.640	162	77679	3.074	ng/u1	99
30) Naphthalene	11.051	128	312912	3.341	ng/u1	98
32) 4-Chloroaniline	11.163	127	57406	1.557	ng/u1	96
33) Hexachlorobutadiene	11.334	225	48784	2.992	ng/u1	98
34) Caprolactam	11.922	113	25589	3.287	ng/u1	94
35) 4-Chloro-3-methylphenol	12.269	107	85913	3.307	ng/u1	99
36) 2-Methylnaphthalene	12.651	142	236444	4.083	ng/u1	97
37) 1-Methylnaphthalene	12.863	142	214942	3.601	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	13.010	216	98392	2.983	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	12.987	237	24443	1.099	ng/ul	97
41) 2,4,6-Trichlorophenol	13.251	196	65151	3.206	ng/ul	98
42) 2,4,5-Trichlorophenol	13.316	196	67765	3.094	ng/ul	99
43) 1,1'-Biphenyl	13.645	154	251305	2.973	ng/ul	98
44) 2-Chloronaphthalene	13.692	162	191040	2.901	ng/ul	99
45) 2-Nitroaniline	13.892	65	50407	3.287	ng/ul	97
47) Dimethylphthalate	14.257	163	244198	3.103	ng/ul	100
48) 2,6-Dinitrotoluene	14.381	165	43063	3.097	ng/ul	94
50) Acenaphthylene	14.534	152	323162	3.176	ng/ul	99
51) 3-Nitroaniline	14.710	138	36017	2.863	ng/ul	96
52) Acenaphthene	14.875	153	232179	3.297	ng/ul	99
53) 2,4-Dinitrophenol	14.916	184	17646	2.085	ng/ul	96
55) 4-Nitrophenol	15.010	109	25957	2.619	ng/ul	97
56) Dibenzofuran	15.204	168	319082	3.358	ng/ul	100
57) 2,4-Dinitrotoluene	15.169	165	61096	3.137	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.433	232	59374	3.331	ng/ul#	98
59) Diethylphthalate	15.616	149	250781	3.373	ng/ul	99
61) Fluorene	15.857	166	268389	3.581	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.845	204	118928	3.243	ng/ul	99
63) 4-Nitroaniline	15.869	138	40519m	3.859	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.933	198	32345	2.478	ng/ul#	91
67) N-Nitrosodiphenylamine	16.057	169	205375	3.096	ng/ul	99
68) 4-Bromophenyl-phenylether	16.745	248	74757	3.288	ng/ul	95
69) Hexachlorobenzene	16.869	284	87864	3.280	ng/ul	96
70) Atrazine	17.010	200	68148	3.053	ng/ul	97
71) Pentachlorophenol	17.210	266	37207	2.380	ng/ul	96
72) Phenanthrene	17.610	178	818399	6.777	ng/ul	100
74) Anthracene	17.698	178	475533	3.955	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.616	216	101521	2.806	ng/uL	98
76) Pentachlorobenzene	15.128	250	100138	2.909	ng/uL	98
77) Carbazole	17.963	167	373791	3.696	ng/ul	100
78) Di-n-butylphthalate	18.492	149	460634	4.074	ng/ul	100
80) Fluoranthene	19.557	202	1194718	10.518	ng/ul	98
82) Pyrene	19.910	202	1068560	8.880	ng/ul	97
83) Butylbenzylphthalate	20.763	149	211790	5.862	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.551	252	63566	2.752	ng/ul#	94
85) Benzo(a)anthracene	21.627	228	582658	6.360	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	780232	17.163	ng/ul#	100
87) Chrysene	21.686	228	557625	6.045	ng/ul	99
89) Di-n-octyl phthalate	22.515	149	388004	4.951	ng/ul	100
90) Benzo(b)fluoranthene	23.445	252	582742	6.718	ng/ul	98
91) Benzo(k)fluoranthene	23.492	252	373766	4.234	ng/ul	96
93) Benzo(a)pyrene	24.133	252	446222	5.866	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.009	276	482387	5.199	ng/ul	98
95) Dibenzo(a,h)anthracene	27.027	278	304726	4.007	ng/ul	99
96) Benzo(g,h,i)perylene	27.856	276	361182	4.573	ng/ul	99

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

