

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
 Data File : BP013538.D
 Acq On : 19 Jan 2023 00:29
 Operator : CG/JU
 Sample : 01146-19MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4470MS

Quant Time: Jan 19 01:50:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 18 01:06:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/19/2023
 Supervised By :mohammad ahmed 01/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	530363	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	1992944	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	1216619	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	4437054m	20.000	ng/ul	0.02
79) Chrysene-d12	21.392	240	2786412	20.000	ng/ul	0.00
88) Perylene-d12	23.851	264	3388071	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	53794	3.943	ng/uL	0.00
4) Pyridine-d5	3.722	84	361875	9.509	ng/ul	0.00
7) Phenol-d5	7.081	99	810294	18.412	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.228	67	602690	21.708	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	421300	12.837	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	755594	22.536	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	374694	26.405	ng/ul	0.00
24) 2-Nitrophenol-d4	9.793	143	134542	8.661	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	285154	9.211	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	913854	20.954	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	2358670	26.610	ng/ul	0.00
49) Acenaphthylene-d8	14.239	160	2807188	28.611	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	10985m	0.677	ng/ul	0.00
60) Fluorene-d10	15.539	176	2148724	27.444	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	16006m	0.569	ng/ul	0.00
73) Anthracene-d10	17.422	188	3417756	17.427	ng/ul	0.01
81) Pyrene-d10	19.645	212	4313794	28.454	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.692	264	4603981	27.664	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	104224	6.936	ng/uL	95
5) Pyridine	3.746	79	350873	9.117	ng/ul	98
6) Benzaldehyde	7.040	77	603591	35.960	ng/ul	94
8) Phenol	7.110	94	1003383	22.038	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.322	93	755395	20.982	ng/ul	99
12) 2-Chlorophenol	7.463	128	780856	22.839	ng/ul	95
13) 2-Methylphenol	8.352	108	719878	22.016	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.428	45	1135165	20.433	ng/ul	99
16) Acetophenone	8.734	105	1209688	22.860	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.710	70	563303	22.265	ng/ul	99
18) 4-Methylphenol	8.675	108	785698	21.861	ng/ul	99
19) Hexachloroethane	8.981	117	320765	23.284	ng/ul	97
22) Nitrobenzene	9.110	77	862766	23.293	ng/ul	96
23) Isophorone	9.634	82	1584277	24.441	ng/ul	100
25) 2-Nitrophenol	9.822	139	446352	26.429	ng/ul	97
26) 2,4-Dimethylphenol	9.881	107	800100	22.708	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.116	93	982663	22.941	ng/ul	97
29) 2,4-Dichlorophenol	10.357	162	773945	24.989	ng/ul	99
30) Naphthalene	10.757	128	2468778	23.286	ng/ul	99
32) 4-Chloroaniline	10.875	127	806073	18.383	ng/ul	99
33) Hexachlorobutadiene	11.034	225	548892	24.680	ng/ul	97
34) Caprolactam	11.657	113	223056	24.208	ng/ul	95
35) 4-Chloro-3-methylphenol	11.998	107	779455	26.076	ng/ul	99
36) 2-Methylnaphthalene	12.369	142	1674530	24.697	ng/ul	98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	1708996	24.300	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.734	216	1016353	24.367	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	528864	21.077	ng/ul	99
41) 2,4,6-Trichlorophenol	12.975	196	668897	27.262	ng/ul	97
42) 2,4,5-Trichlorophenol	13.051	196	709193	26.561	ng/ul	97
43) 1,1'-Biphenyl	13.375	154	2274905	24.629	ng/ul	100
44) 2-Chloronaphthalene	13.422	162	1806801	24.241	ng/ul	99
45) 2-Nitroaniline	13.628	65	516691	28.646	ng/ul	99
47) Dimethylphthalate	13.998	163	2222745	25.100	ng/ul	99
48) 2,6-Dinitrotoluene	14.128	165	454415	29.632	ng/ul	92
50) Acenaphthylene	14.263	152	2797599	25.872	ng/ul	99
51) 3-Nitroaniline	14.457	138	416464	25.639	ng/ul	96
52) Acenaphthene	14.610	153	1944557	25.126	ng/ul	100
53) 2,4-Dinitrophenol	14.669	184	263674	23.099	ng/ul#	83
55) 4-Nitrophenol	14.763	109	301327	24.435	ng/ul	93
56) Dibenzofuran	14.945	168	2774457	24.961	ng/ul	98
57) 2,4-Dinitrotoluene	14.916	165	670437	29.411	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.169	232	640002	27.477	ng/ul	100
59) Diethylphthalate	15.369	149	2245836	27.095	ng/ul	99
61) Fluorene	15.592	166	2325187	26.207	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.586	204	1191134	25.708	ng/ul	96
63) 4-Nitroaniline	15.622	138	492649	32.804	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.686	198	393281m	14.162	ng/ul	
67) N-Nitrosodiphenylamine	15.804	169	993386	8.278	ng/ul	100
68) 4-Bromophenyl-phenylether	16.492	248	768175	16.714	ng/ul	97
69) Hexachlorobenzene	16.604	284	881343	15.904	ng/ul	98
70) Atrazine	16.775	200	779719	16.996	ng/ul	99
71) Pentachlorophenol	16.951	266	471256	14.287	ng/ul	97
72) Phenanthrene	17.369	178	3594935m	15.240	ng/ul	
74) Anthracene	17.457	178	3675042	15.772	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.339	216	1005044	14.999	ng/ul	99
76) Pentachlorobenzene	14.863	250	1007237	15.439	ng/ul	99
77) Carbazole	17.722	167	3443596	17.063	ng/ul	99
78) Di-n-butylphthalate	18.275	149	4127901	20.855	ng/ul	99
80) Fluoranthene	19.333	202	4670911	26.919	ng/ul	97
82) Pyrene	19.674	202	4861470	26.442	ng/ul	99
83) Butylbenzylphthalate	20.533	149	2016772	36.150	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.327	252	194779	3.793	ng/ul	99
85) Benzo(a)anthracene	21.380	228	3953129	21.423	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	48972846m	630.186	ng/ul	
87) Chrysene	21.433	228	4738063	26.344	ng/ul	99
89) Di-n-octyl phthalate	22.227	149	5175162	35.637	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	5584756	26.065	ng/ul	99
91) Benzo(k)fluoranthene	23.151	252	5060678	24.752	ng/ul	99
93) Benzo(a)pyrene	23.745	252	4803369	25.532	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.415	276	6537691	25.080	ng/ul	100
95) Dibenzo(a,h)anthracene	26.427	278	5467841	25.145	ng/ul	99
96) Benzo(g,h,i)perylene	27.198	276	4677826	21.818	ng/ul	99

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

