

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017542.D
 Acq On : 04 Oct 2023 21:07
 Operator : MA/JU
 Sample : 04679-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PMW-4(20230927)MS

Quant Time: Oct 05 00:55:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 04 16:33:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	108338	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	448151	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.634	164	287483	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.422	188	653393	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	648202	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	695898	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	11385	4.201	ng/uL	0.00
4) Pyridine-d5	3.728	84	97996	13.816	ng/u1	0.00
7) Phenol-d5	7.099	99	93734	10.283	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	243515	43.781	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	252880	35.234	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	183437	25.138	ng/u1	0.00
21) Nitrobenzene-d5	9.152	128	159928	46.386	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	183070	47.078	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	356475	49.448	ng/u1	0.00
31) 4-Chloroaniline-d4	10.952	131	395535	38.515	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	1320055	58.867	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	1357351	54.893	ng/u1	0.00
54) 4-Nitrophenol-d4	14.881	143	50684	12.907	ng/u1	0.00
60) Fluorene-d10	15.640	176	1100294	57.848	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	239070	58.690	ng/u1	0.00
73) Anthracene-d10	17.522	188	1822396	60.255	ng/u1	0.00
81) Pyrene-d10	19.775	212	2218234	61.586	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	2202555	62.716	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	18569	6.666	ng/uL#	90
5) Pyridine	3.752	79	113032	15.175	ng/u1	97
6) Benzaldehyde	7.099	77	253301	55.123	ng/u1	99
8) Phenol	7.128	94	107997	11.829	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.381	93	356722	48.256	ng/u1	99
12) 2-Chlorophenol	7.493	128	284610	39.181	ng/u1	98
13) 2-Methylphenol	8.393	108	225097	32.899	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.458	45	471404m	48.431	ng/u1	
16) Acetophenone	8.799	105	574398	49.912	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.769	70	306753	51.949	ng/u1	97
18) 4-Methylphenol	8.734	108	216240	29.207	ng/u1	97
19) Hexachloroethane	9.005	117	154422	47.891	ng/u1	99
22) Nitrobenzene	9.193	77	450718	50.825	ng/u1	99
23) Isophorone	9.710	82	904938	55.619	ng/u1	98
25) 2-Nitrophenol	9.899	139	214665	52.025	ng/u1	99
26) 2,4-Dimethylphenol	9.946	107	397301	48.565	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.199	93	514987	51.768	ng/u1	100
29) 2,4-Dichlorophenol	10.422	162	379100	54.158	ng/u1	97
30) Naphthalene	10.834	128	1215302	50.826	ng/u1	99
32) 4-Chloroaniline	10.975	127	405192	41.335	ng/u1	98
33) Hexachlorobutadiene	11.057	225	249555	49.092	ng/u1	99
34) Caprolactam	11.869	113	36507	16.806	ng/u1	99
35) 4-Chloro-3-methylphenol	12.081	107	402075	54.425	ng/u1	99
36) 2-Methylnaphthalene	12.446	142	883699	54.087	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	881257	52.571	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.799	216	498729	52.950	ng/ul	99
40) Hexachlorocyclopentadiene	12.740	237	204154	38.430	ng/ul	98
41) 2,4,6-Trichlorophenol	13.057	196	375305	62.524	ng/ul	98
42) 2,4,5-Trichlorophenol	13.128	196	411955	65.179	ng/ul	100
43) 1,1'-Biphenyl	13.463	154	1244256	56.539	ng/ul	98
44) 2-Chloronaphthalene	13.510	162	983202	56.193	ng/ul	99
45) 2-Nitroaniline	13.757	65	340033	69.937	ng/ul	96
47) Dimethylphthalate	14.098	163	1446225	64.166	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	299318	71.267	ng/ul	95
50) Acenaphthylene	14.363	152	1702844	59.548	ng/ul	99
51) 3-Nitroaniline	14.593	138	172360	43.049	ng/ul	94
52) Acenaphthene	14.698	153	1125899	59.649	ng/ul	100
53) 2,4-Dinitrophenol	14.798	184	167933	67.548	ng/ul	93
55) 4-Nitrophenol	14.893	109	51208	14.522	ng/ul	95
56) Dibenzofuran	15.040	168	1637392	61.637	ng/ul	99
57) 2,4-Dinitrotoluene	15.040	165	454224	72.460	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.263	232	371970	66.494	ng/ul	100
59) Diethylphthalate	15.463	149	1501775	66.428	ng/ul	99
61) Fluorene	15.698	166	1381512	62.968	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.687	204	708268	63.017	ng/ul	99
63) 4-Nitroaniline	15.769	138	265632	70.586	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.798	198	278995	64.020	ng/ul#	97
67) N-Nitrosodiphenylamine	15.916	169	1204154	65.816	ng/ul	99
68) 4-Bromophenyl-phenylether	16.592	248	454793	65.656	ng/ul	98
69) Hexachlorobenzene	16.675	284	528990	64.847	ng/ul	98
70) Atrazine	16.881	200	373699	52.794	ng/ul	98
71) Pentachlorophenol	17.051	266	338887	68.624	ng/ul	98
72) Phenanthrene	17.469	178	2315579	65.847	ng/ul	99
74) Anthracene	17.563	178	2330952	65.033	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.416	216	514347	53.253	ng/uL	99
76) Pentachlorobenzene	14.928	250	529579	55.235	ng/uL	98
77) Carbazole	17.851	167	2166774	67.322	ng/ul	99
78) Di-n-butylphthalate	18.363	149	2738995	70.607	ng/ul	99
80) Fluoranthene	19.445	202	2863931	68.254	ng/ul	99
82) Pyrene	19.804	202	2960112	66.861	ng/ul	99
83) Butylbenzylphthalate	20.675	149	1299896	74.764	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.486	252	115895	7.869	ng/ul	98
85) Benzo(a)anthracene	21.539	228	3054733	67.267	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1883583	75.160	ng/ul	100
87) Chrysene	21.598	228	2827604	66.612	ng/ul	99
89) Di-n-octyl phthalate	22.404	149	3216539	73.065	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2994260	68.542	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	2983159	68.492	ng/ul	100
93) Benzo(a)pyrene	24.027	252	2790244	68.322	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.892	276	3437947	68.861	ng/ul	99
95) Dibenzo(a,h)anthracene	26.915	278	2875818	68.360	ng/ul	100
96) Benzo(g,h,i)perylene	27.751	276	2705253	67.546	ng/ul	98

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

