

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090823\
 Data File : BP017080.D
 Acq On : 10 Sep 2023 08:59
 Operator : MA/JU
 Sample : 04268-03MS
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 H0GH2MS

Quant Time: Sep 11 00:55:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 09 01:41:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/11/2023
 Supervised By :mohammad ahmed 09/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	418839	20.000	ng/u1	0.00
20) Naphthalene-d8	10.793	136	1856176	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.622	164	1079530	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.392	188	2170849	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	1562219	20.000	ng/u1	0.00
88) Perylene-d12	24.021	264	1379523	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	30662	2.769	ng/uL	0.00
4) Pyridine-d5	3.764	84	293306	9.270	ng/u1	0.00
7) Phenol-d5	7.116	99	193440	5.055	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.311	67	656556	27.431	ng/u1	0.00
11) 2-Chlorophenol-d4	7.487	132	547474	19.769	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	360217	12.357	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	374344	25.995	ng/u1	0.00
24) 2-Nitrophenol-d4	9.881	143	384107	24.606	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	656999	22.797	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	892714	21.470	ng/u1	0.00
46) Dimethylphthalate-d6	14.040	166	2419012	30.103	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	2626426	28.321	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.845	143	67862	4.323	ng/u1	0.00
60) Fluorene-d10	15.622	176	2013507	29.266	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	331603	25.383	ng/u1	0.00
73) Anthracene-d10	17.492	188	3018839	30.281	ng/u1	0.00
81) Pyrene-d10	19.728	212	3129145	32.885	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.851	264	2179635	31.144	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	45140	3.776	ng/uL	97
5) Pyridine	3.781	79	341812	10.148	ng/u1	96
6) Benzaldehyde	7.128	77	620503	35.778	ng/u1	98
8) Phenol	7.146	94	221620	5.574	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.405	93	853798	26.930	ng/u1	100
12) 2-Chlorophenol	7.522	128	589122	19.968	ng/u1	97
13) 2-Methylphenol	8.411	108	433218	14.856	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.499	45	1258738m	28.199	ng/u1	
16) Acetophenone	8.816	105	1303828	27.716	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.787	70	710481	28.273	ng/u1	97
18) 4-Methylphenol	8.746	108	406758	12.790	ng/u1	98
19) Hexachloroethane	9.034	117	305131	24.965	ng/u1	97
22) Nitrobenzene	9.210	77	1060751	27.587	ng/u1	98
23) Isophorone	9.722	82	1941353	26.874	ng/u1	98
25) 2-Nitrophenol	9.910	139	426176	24.797	ng/u1	96
26) 2,4-Dimethylphenol	9.952	107	607117	17.301	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.210	93	1172773	26.196	ng/u1	99
29) 2,4-Dichlorophenol	10.434	162	672208	22.887	ng/u1	98
30) Naphthalene	10.846	128	2567932	25.354	ng/u1	100
32) 4-Chloroaniline	10.981	127	847537	19.586	ng/u1	99
33) Hexachlorobutadiene	11.075	225	394219	22.457	ng/u1	99
34) Caprolactam	11.816	113	34246	3.521	ng/u1	90
35) 4-Chloro-3-methylphenol	12.075	107	710865	22.086	ng/u1	99
36) 2-Methylnaphthalene	12.451	142	1742918	26.040	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	1707282	25.335	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.799	216	801644	25.204	ng/ul	98
40) Hexachlorocyclopentadiene	12.746	237	317299	15.397	ng/ul	99
41) 2,4,6-Trichlorophenol	13.051	196	572611	26.451	ng/ul	97
42) 2,4,5-Trichlorophenol	13.122	196	633488	26.895	ng/ul	96
43) 1,1'-Biphenyl	13.457	154	2368084	27.712	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	1848694	27.555	ng/ul	99
45) 2-Nitroaniline	13.740	65	677105	33.888	ng/ul	96
47) Dimethylphthalate	14.087	163	2550333	30.248	ng/ul	99
48) 2,6-Dinitrotoluene	14.234	165	514010	31.391	ng/ul	97
50) Acenaphthylene	14.351	152	2990937	28.803	ng/ul	100
51) 3-Nitroaniline	14.569	138	499752	30.582	ng/ul	98
52) Acenaphthene	14.693	153	2085255	28.782	ng/ul	100
53) 2,4-Dinitrophenol	14.769	184	198098	19.512	ng/ul	93
55) 4-Nitrophenol	14.857	109	61494	4.895	ng/ul	89
56) Dibenzofuran	15.028	168	2918578	29.298	ng/ul	99
57) 2,4-Dinitrotoluene	15.016	165	750763	31.941	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.240	232	502100	26.439	ng/ul	92
59) Diethylphthalate	15.440	149	2604177	30.908	ng/ul	99
61) Fluorene	15.675	166	2478511	30.178	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.669	204	1154066	29.076	ng/ul	96
63) 4-Nitroaniline	15.740	138	477778	33.254	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.763	198	354310	25.887	ng/ul#	89
67) N-Nitrosodiphenylamine	15.892	169	2031606	31.037	ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	634698	29.388	ng/ul	95
69) Hexachlorobenzene	16.651	284	678404	28.655	ng/ul	93
70) Atrazine	16.845	200	427268	19.065	ng/ul	98
71) Pentachlorophenol	17.016	266	369796	23.953	ng/ul	100
72) Phenanthrene	17.439	178	3760237	31.172	ng/ul	100
74) Anthracene	17.528	178	3723042	30.703	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	78524	2.539	ng/uL	99
76) Pentachlorobenzene	14.916	250	845835	28.397	ng/uL	99
77) Carbazole	17.816	167	3390559	31.115	ng/ul	99
78) Di-n-butylphthalate	18.322	149	4384594	32.844	ng/ul	99
80) Fluoranthene	19.398	202	3948102	33.230	ng/ul	98
82) Pyrene	19.757	202	4066454	32.964	ng/ul	97
83) Butylbenzylphthalate	20.616	149	1815290	35.583	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.410	252	862519	24.878	ng/ul	99
85) Benzo(a)anthracene	21.475	228	3449803	31.355	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	2558629	36.303	ng/ul	99
87) Chrysene	21.527	228	3187021	30.966	ng/ul	99
89) Di-n-octyl phthalate	22.316	149	4042511	34.957	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	2956129	30.670	ng/ul	99
91) Benzo(k)fluoranthene	23.286	252	2905574	31.130	ng/ul	99
93) Benzo(a)pyrene	23.904	252	2525804	31.419	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.698	276	2941131	32.958	ng/ul	98
95) Dibenzo(a,h)anthracene	26.727	278	2449009	33.250	ng/ul	98
96) Benzo(g,h,i)perylene	27.539	276	2305801	32.788	ng/ul	96

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

