

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090823\
 Data File : BP017081.D
 Acq On : 10 Sep 2023 09:33
 Operator : MA/JU
 Sample : 04268-04MSD
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 H0GH2MSD

Quant Time: Sep 11 00:57:18 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	235773	20.000	ng/u1	0.00
20) Naphthalene-d8	10.792	136	1047202	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.627	164	616311	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	1282236	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	991673	20.000	ng/u1	0.00
88) Perylene-d12	24.021	264	900901	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	28531	4.577	ng/uL	0.00
4) Pyridine-d5	3.763	84	246334	13.831	ng/u1	0.00
7) Phenol-d5	7.116	99	164575	7.640	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	557808	41.401	ng/u1	0.00
11) 2-Chlorophenol-d4	7.487	132	470269	30.166	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	307035	18.710	ng/u1	0.00
21) Nitrobenzene-d5	9.163	128	321472	39.569	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.881	143	325594	36.971	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	565342	34.771	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	777211	33.132	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	2145841	46.774	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	2318477	43.791	ng/u1	0.00
54) 4-Nitrophenol-d4	14.845	143	64317	7.177	ng/u1	0.00
60) Fluorene-d10	15.621	176	1801594	45.867	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	311097	40.316	ng/u1	0.00
73) Anthracene-d10	17.492	188	2799375	47.539	ng/u1	0.00
81) Pyrene-d10	19.727	212	3027178	50.117	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.850	264	2247640	49.178	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.357	88	40187	5.971	ng/uL	99
5) Pyridine	3.781	79	298527	15.745	ng/u1	97
6) Benzaldehyde	7.128	77	533508	54.647	ng/u1	99
8) Phenol	7.145	94	189602	8.472	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.404	93	728102	40.797	ng/u1	98
12) 2-Chlorophenol	7.522	128	504544	30.379	ng/u1	98
13) 2-Methylphenol	8.410	108	373675	22.763	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.481	45	1063438m	42.322	ng/u1	
16) Acetophenone	8.816	105	1120200	42.302	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.787	70	608571	43.021	ng/u1	97
18) 4-Methylphenol	8.745	108	351384	19.627	ng/u1	100
19) Hexachloroethane	9.034	117	255379	37.118	ng/u1	96
22) Nitrobenzene	9.210	77	907863	41.851	ng/u1	97
23) Isophorone	9.722	82	1675037	41.100	ng/u1	99
25) 2-Nitrophenol	9.910	139	367650	37.917	ng/u1	95
26) 2,4-Dimethylphenol	9.951	107	530400	26.791	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.210	93	1002150	39.678	ng/u1	99
29) 2,4-Dichlorophenol	10.433	162	578028	34.884	ng/u1	98
30) Naphthalene	10.845	128	2228982	39.008	ng/u1	100
32) 4-Chloroaniline	10.981	127	745632	30.543	ng/u1	100
33) Hexachlorobutadiene	11.075	225	337120	34.039	ng/u1	99
34) Caprolactam	11.810	113	30416	5.543	ng/u1	94
35) 4-Chloro-3-methylphenol	12.075	107	622775	34.297	ng/u1	99
36) 2-Methylnaphthalene	12.451	142	1504862	39.851	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090823\
 Data File : BP017081.D
 Acq On : 10 Sep 2023 09:33
 Operator : MA/JU
 Sample : 04268-04MSD
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 H0GH2MSD

Manual Integrations
 APPROVED

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

Quant Time: Sep 11 00:57:18 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	1478100	38.878	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.798	216	696699	38.368	ng/ul	98
40) Hexachlorocyclopentadiene	12.745	237	260865	22.172	ng/ul	98
41) 2,4,6-Trichlorophenol	13.051	196	503603	40.748	ng/ul	99
42) 2,4,5-Trichlorophenol	13.122	196	557097	41.428	ng/ul	98
43) 1,1'-Biphenyl	13.457	154	2073094	42.494	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	1611470	42.071	ng/ul	99
45) 2-Nitroaniline	13.739	65	604959	53.033	ng/ul	96
47) Dimethylphthalate	14.086	163	2254831	46.843	ng/ul	99
48) 2,6-Dinitrotoluene	14.233	165	455666	48.743	ng/ul	96
50) Acenaphthylene	14.351	152	2651063	44.719	ng/ul	99
51) 3-Nitroaniline	14.569	138	464307	49.768	ng/ul	96
52) Acenaphthene	14.692	153	1853260	44.806	ng/ul	100
53) 2,4-Dinitrophenol	14.769	184	186841	32.236	ng/ul	94
55) 4-Nitrophenol	14.857	109	59666	8.319	ng/ul	93
56) Dibenzofuran	15.027	168	2591888	45.573	ng/ul	99
57) 2,4-Dinitrotoluene	15.016	165	680604	50.719	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.239	232	454527	41.923	ng/ul#	94
59) Diethylphthalate	15.439	149	2317788	48.184	ng/ul	99
61) Fluorene	15.680	166	2217638	47.295	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.669	204	1025018	45.234	ng/ul	95
63) 4-Nitroaniline	15.739	138	455612	55.545	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.763	198	328376	40.618	ng/ul#	88
67) N-Nitrosodiphenylamine	15.892	169	1829336	47.314	ng/ul	99
68) 4-Bromophenyl-phenylether	16.568	248	569987	44.681	ng/ul	96
69) Hexachlorobenzene	16.651	284	619470	44.299	ng/ul	95
70) Atrazine	16.851	200	395262	29.859	ng/ul	98
71) Pentachlorophenol	17.015	266	348027	38.165	ng/ul	99
72) Phenanthrene	17.439	178	3473203	48.747	ng/ul	100
74) Anthracene	17.527	178	3461807	48.333	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	69977	3.831	ng/uL	96
76) Pentachlorobenzene	14.916	250	751261	42.701	ng/uL	99
77) Carbazole	17.815	167	3229295	50.172	ng/ul	99
78) Di-n-butylphthalate	18.321	149	4001375	50.745	ng/ul	99
80) Fluoranthene	19.398	202	3799530	50.378	ng/ul	97
82) Pyrene	19.757	202	3939360	50.306	ng/ul	96
83) Butylbenzylphthalate	20.615	149	1749358	54.019	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.415	252	869456	39.506	ng/ul	100
85) Benzo(a)anthracene	21.474	228	3426521	49.061	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	2409805	53.864	ng/ul	99
87) Chrysene	21.527	228	3199180	48.968	ng/ul	99
89) Di-n-octyl phthalate	22.315	149	3911091	51.788	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	3006687	47.768	ng/ul	98
91) Benzo(k)fluoranthene	23.286	252	2985890	48.987	ng/ul	99
93) Benzo(a)pyrene	23.909	252	2603132	49.584	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.703	276	3026933	51.940	ng/ul	98
95) Dibenzo(a,h)anthracene	26.727	278	2519564	52.382	ng/ul	99
96) Benzo(g,h,i)perylene	27.544	276	2362845	51.450	ng/ul	97

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

