

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091523\
 Data File : BP017193.D
 Acq On : 15 Sep 2023 18:35
 Operator : MA/JU
 Sample : 04324-21MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBJA8MS

Quant Time: Sep 16 04:12:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 16 03:18:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/18/2023
 Supervised By :mohammad ahmed 09/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	190657	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	869622	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	562545	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1262760	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	1213143	20.000	ng/u1	0.00
88) Perylene-d12	24.003	264	1164212	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	22212	4.896	ng/uL	0.00
4) Pyridine-d5	3.746	84	205979	15.871	ng/u1	0.00
7) Phenol-d5	7.098	99	101790	6.566	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	349228	36.041	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	223263	18.052	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	170948	13.305	ng/u1	0.00
21) Nitrobenzene-d5	9.145	128	215261	35.351	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	147268	22.654	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	282913	22.503	ng/u1	0.00
31) 4-Chloroaniline-d4	10.939	131	617306	32.576	ng/u1	0.00
46) Dimethylphthalate-d6	14.028	166	1608029	40.169	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	1715482	37.766	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	46398	5.997	ng/u1	0.00
60) Fluorene-d10	15.604	176	1370323	39.589	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	181259	25.692	ng/u1	0.00
73) Anthracene-d10	17.480	188	2264049	42.199	ng/u1	0.00
81) Pyrene-d10	19.721	212	2722871	42.797	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	2316430	42.156	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	29052	5.955	ng/uL#	89
5) Pyridine	3.763	79	237304	17.652	ng/u1	97
6) Benzaldehyde	7.104	77	320144	37.092	ng/u1	99
8) Phenol	7.128	94	120454	7.367	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.387	93	489643	37.547	ng/u1	99
12) 2-Chlorophenol	7.498	128	253772	20.215	ng/u1	97
13) 2-Methylphenol	8.393	108	204987	16.817	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.481	45	667950m	37.794	ng/u1	
16) Acetophenone	8.798	105	795683	39.566	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.769	70	423712	41.001	ng/u1	98
18) 4-Methylphenol	8.728	108	201613	14.950	ng/u1	99
19) Hexachloroethane	9.016	117	153306	29.694	ng/u1	91
22) Nitrobenzene	9.192	77	616337	38.866	ng/u1	99
23) Isophorone	9.704	82	1175221	39.547	ng/u1	100
25) 2-Nitrophenol	9.892	139	180362	24.963	ng/u1	94
26) 2,4-Dimethylphenol	9.934	107	296206	20.116	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.192	93	712757	38.268	ng/u1	100
29) 2,4-Dichlorophenol	10.416	162	305107	23.975	ng/u1	100
30) Naphthalene	10.828	128	1605605	36.487	ng/u1	99
32) 4-Chloroaniline	10.963	127	530440	28.685	ng/u1	98
33) Hexachlorobutadiene	11.051	225	272056	31.483	ng/u1	98
34) Caprolactam	11.786	113	25618	6.404	ng/u1	97
35) 4-Chloro-3-methylphenol	12.057	107	337422	24.505	ng/u1	99
36) 2-Methylnaphthalene	12.428	142	1109038	37.350	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091523\
 Data File : BP017193.D
 Acq On : 15 Sep 2023 18:35
 Operator : MA/JU
 Sample : 04324-21MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBJA8MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/18/2023
 Supervised By :mohammad ahmed 09/19/2023

Quant Time: Sep 16 04:12:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 16 03:18:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	1095520	36.449	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.781	216	621891	37.117	ng/ul	99
40) Hexachlorocyclopentadiene	12.728	237	224787	21.533	ng/ul	98
41) 2,4,6-Trichlorophenol	13.033	196	285090	26.785	ng/ul	99
42) 2,4,5-Trichlorophenol	13.104	196	318684	28.163	ng/ul	98
43) 1,1'-Biphenyl	13.439	154	1570219	38.926	ng/ul	99
44) 2-Chloronaphthalene	13.486	162	1246840	38.923	ng/ul	100
45) 2-Nitroaniline	13.728	65	417163	48.077	ng/ul	98
47) Dimethylphthalate	14.075	163	1757322	43.243	ng/ul	100
48) 2,6-Dinitrotoluene	14.222	165	353690	47.606	ng/ul	98
50) Acenaphthylene	14.339	152	2034293	38.767	ng/ul	99
51) 3-Nitroaniline	14.557	138	343133	43.173	ng/ul	99
52) Acenaphthene	14.675	153	1403463	40.417	ng/ul	100
53) 2,4-Dinitrophenol	14.757	184	111336	21.395	ng/ul	96
55) 4-Nitrophenol	14.839	109	44525	7.190	ng/ul	95
56) Dibenzofuran	15.010	168	2034561	42.398	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	526753	47.614	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.227	232	277272	27.931	ng/ul	96
59) Diethylphthalate	15.427	149	1780596	44.379	ng/ul	99
61) Fluorene	15.663	166	1710837	43.123	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.651	204	866682	42.967	ng/ul	99
63) 4-Nitroaniline	15.727	138	346270	46.863	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.751	198	203477	26.874	ng/ul	98
67) N-Nitrosodiphenylamine	15.880	169	1461078	44.499	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	543334	45.139	ng/ul	95
69) Hexachlorobenzene	16.639	284	641211	45.006	ng/ul	98
70) Atrazine	16.833	200	245691	20.672	ng/ul	98
71) Pentachlorophenol	17.004	266	219634	23.721	ng/ul	99
72) Phenanthrene	17.421	178	2819409	44.429	ng/ul	100
74) Anthracene	17.516	178	2856782	44.448	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	62457	3.577	ng/uL	99
76) Pentachlorobenzene	14.904	250	717166	45.268	ng/uL	100
77) Carbazole	17.804	167	2590465	45.901	ng/ul	99
78) Di-n-butylphthalate	18.310	149	3167674	49.256	ng/ul	99
80) Fluoranthene	19.392	202	3427707	46.093	ng/ul	100
82) Pyrene	19.751	202	3571858	45.457	ng/ul	100
83) Butylbenzylphthalate	20.610	149	1427879	50.952	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.404	252	1010083	40.612	ng/ul	99
85) Benzo(a)anthracene	21.468	228	3478024	43.786	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	2057151	52.292	ng/ul	99
87) Chrysene	21.521	228	3277108	44.352	ng/ul	99
89) Di-n-octyl phthalate	22.309	149	3398130	52.640	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	3195774	46.569	ng/ul	98
91) Benzo(k)fluoranthene	23.274	252	3251197	47.657	ng/ul	100
93) Benzo(a)pyrene	23.898	252	2761212	43.370	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.680	276	3131471	44.418	ng/ul	99
95) Dibenzo(a,h)anthracene	26.709	278	2629427	44.399	ng/ul	99
96) Benzo(g,h,i)perylene	27.521	276	2430959	44.593	ng/ul	98

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

