

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091523\
 Data File : BP017194.D
 Acq On : 15 Sep 2023 19:09
 Operator : MA/JU
 Sample : 04324-22MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBJA8MSD

Manual Integrations
 APPROVED

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

Quant Time: Sep 16 04:24:57 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)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	184615	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	822833	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	530016	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.381	188	1185843	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	1125215	20.000	ng/u1	0.00
88) Perylene-d12	24.004	264	1067791	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	22343	5.086	ng/uL	0.00
4) Pyridine-d5	3.746	84	208050	16.555	ng/u1	0.00
7) Phenol-d5	7.099	99	103229	6.877	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	353246	37.649	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	227269	18.978	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	172578	13.872	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	218140	37.860	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	152535	24.798	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	291243	24.483	ng/u1	0.00
31) 4-Chloroaniline-d4	10.934	131	619539	34.553	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	1618088	42.901	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	1718044	40.144	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	46642	6.398	ng/u1	0.00
60) Fluorene-d10	15.604	176	1363851	41.820	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	186826	28.199	ng/u1	0.00
73) Anthracene-d10	17.481	188	2242980	44.518	ng/u1	0.00
81) Pyrene-d10	19.716	212	2663728	45.139	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	2278024	45.201	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	29010	6.141	ng/uL	90
5) Pyridine	3.764	79	239104	18.368	ng/u1	98
6) Benzaldehyde	7.105	77	324268	38.800	ng/u1	97
8) Phenol	7.122	94	122493	7.737	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.381	93	488155	38.658	ng/u1	98
12) 2-Chlorophenol	7.499	128	257576	21.190	ng/u1	98
13) 2-Methylphenol	8.387	108	209989	17.791	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.458	45	678020m	39.619	ng/u1	
16) Acetophenone	8.799	105	801262	41.148	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.769	70	421384	42.110	ng/u1	97
18) 4-Methylphenol	8.722	108	208722	15.984	ng/u1	100
19) Hexachloroethane	9.010	117	159518	31.909	ng/u1	99
22) Nitrobenzene	9.193	77	622769	41.505	ng/u1	99
23) Isophorone	9.705	82	1179856	41.961	ng/u1	99
25) 2-Nitrophenol	9.893	139	184202	26.944	ng/u1	99
26) 2,4-Dimethylphenol	9.934	107	306591	22.005	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.193	93	716945	40.682	ng/u1	99
29) 2,4-Dichlorophenol	10.410	162	314644	26.130	ng/u1	99
30) Naphthalene	10.822	128	1607898	38.617	ng/u1	100
32) 4-Chloroaniline	10.957	127	530368	30.312	ng/u1	100
33) Hexachlorobutadiene	11.052	225	273837	33.491	ng/u1	97
34) Caprolactam	11.787	113	26814	7.084	ng/u1	94
35) 4-Chloro-3-methylphenol	12.057	107	343375	26.355	ng/u1	99
36) 2-Methylnaphthalene	12.428	142	1111462	39.560	ng/u1	98

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M

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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	1096784	38.566	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.781	216	625467	39.622	ng/ul	99
40) Hexachlorocyclopentadiene	12.728	237	233007	23.690	ng/ul	99
41) 2,4,6-Trichlorophenol	13.034	196	289371	28.855	ng/ul	98
42) 2,4,5-Trichlorophenol	13.104	196	327183	30.688	ng/ul	100
43) 1,1'-Biphenyl	13.440	154	1588808	41.804	ng/ul	99
44) 2-Chloronaphthalene	13.487	162	1245425	41.264	ng/ul	100
45) 2-Nitroaniline	13.728	65	412005	50.397	ng/ul	99
47) Dimethylphthalate	14.075	163	1759633	45.957	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	353205	50.458	ng/ul	99
50) Acenaphthylene	14.334	152	2047955	41.422	ng/ul	99
51) 3-Nitroaniline	14.557	138	342156	45.692	ng/ul	99
52) Acenaphthene	14.675	153	1410054	43.099	ng/ul	100
53) 2,4-Dinitrophenol	14.757	184	115913	23.642	ng/ul	97
55) 4-Nitrophenol	14.840	109	44242	7.583	ng/ul	95
56) Dibenzofuran	15.010	168	2021876	44.720	ng/ul	100
57) 2,4-Dinitrotoluene	14.998	165	524413	50.312	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.222	232	281155	30.060	ng/ul#	99
59) Diethylphthalate	15.428	149	1788792	47.320	ng/ul	100
61) Fluorene	15.663	166	1716562	45.922	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.651	204	874073	45.993	ng/ul	97
63) 4-Nitroaniline	15.728	138	345055	49.565	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.751	198	208640	29.344	ng/ul#	95
67) N-Nitrosodiphenylamine	15.881	169	1473232	47.780	ng/ul	100
68) 4-Bromophenyl-phenylether	16.557	248	543341	48.068	ng/ul	94
69) Hexachlorobenzene	16.634	284	635273	47.482	ng/ul	100
70) Atrazine	16.834	200	246969	22.127	ng/ul	98
71) Pentachlorophenol	17.004	266	221464	25.470	ng/ul	99
72) Phenanthrene	17.422	178	2798214	46.955	ng/ul	99
74) Anthracene	17.516	178	2843847	47.117	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.393	216	62980	3.841	ng/uL	97
76) Pentachlorobenzene	14.898	250	722487	48.562	ng/uL	99
77) Carbazole	17.804	167	2552915	48.170	ng/ul	99
78) Di-n-butylphthalate	18.310	149	3124811	51.741	ng/ul	99
80) Fluoranthene	19.392	202	3387666	49.114	ng/ul	99
82) Pyrene	19.751	202	3541706	48.596	ng/ul	100
83) Butylbenzylphthalate	20.610	149	1400592	53.883	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.404	252	980604	42.508	ng/ul	100
85) Benzo(a)anthracene	21.463	228	3424680	46.484	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	2035992	55.799	ng/ul	99
87) Chrysene	21.522	228	3215940	46.925	ng/ul	98
89) Di-n-octyl phthalate	22.304	149	3367384	56.874	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	3183625	50.582	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	3155653	50.433	ng/ul	99
93) Benzo(a)pyrene	23.892	252	2714419	46.485	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.680	276	3081505	47.656	ng/ul	99
95) Dibenzo(a,h)anthracene	26.704	278	2604556	47.951	ng/ul	99
96) Benzo(g,h,i)perylene	27.515	276	2381882	47.638	ng/ul	99

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

