

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060823\
 Data File : BP015435.D
 Acq On : 08 Jun 2023 14:56
 Operator : MA/JU
 Sample : 02960-06MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 H0FN8MSD

Quant Time: Jun 09 01:39:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 07 23:46:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :Sohil Jodhani 06/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	120521	20.000	ng/u1	0.00
20) Naphthalene-d8	10.922	136	561286	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.740	164	388203	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	908478	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	906533	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	974859	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	7979	2.452	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.252	99	156188	14.067	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	99612	15.022	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	122882	15.265	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	132871	14.581	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	66766	15.151	ng/u1	0.00
24) 2-Nitrophenol-d4	9.999	143	75542	15.011	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	143413	15.623	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.063	131	171100	12.985	ng/u1	0.00
46) Dimethylphthalate-d6	14.146	166	515178	16.829	ng/u1	0.00
49) Acenaphthylene-d8	14.434	160	544954	16.280	ng/u1	0.00
54) 4-Nitrophenol-d4	14.940	143	64032	11.680	ng/u1	0.00
60) Fluorene-d10	15.734	176	425361	16.478	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	76542	13.299	ng/u1	0.00
73) Anthracene-d10	17.592	188	680630	16.466	ng/u1	0.00
81) Pyrene-d10	19.816	212	869623	17.923	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	846514	17.306	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	23254	6.764	ng/uL#	87
6) Benzaldehyde	7.228	77	131271m	30.931	ng/u1	
8) Phenol	7.275	94	226839	19.803	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.511	93	169953	18.765	ng/u1	99
12) 2-Chlorophenol	7.658	128	159960	18.807	ng/u1	97
13) 2-Methylphenol	8.546	108	157994	17.926	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.628	45	230126	19.174	ng/u1	97
16) Acetophenone	8.934	105	372870	25.640	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.910	70	156174	19.897	ng/u1	98
18) 4-Methylphenol	8.875	108	180175	18.580	ng/u1	100
19) Hexachloroethane	9.187	117	68190	18.972	ng/u1	97
22) Nitrobenzene	9.316	77	220898	18.902	ng/u1	98
23) Isophorone	9.840	82	454163	19.414	ng/u1	100
25) 2-Nitrophenol	10.034	139	104140	19.167	ng/u1	98
26) 2,4-Dimethylphenol	10.087	107	139500	12.107	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.322	93	259861	19.106	ng/u1	100
29) 2,4-Dichlorophenol	10.569	162	177567	19.455	ng/u1	97
30) Naphthalene	10.975	128	577782	18.996	ng/u1	100
32) 4-Chloroaniline	11.093	127	201566	14.784	ng/u1	99
33) Hexachlorobutadiene	11.252	225	116285	18.892	ng/u1	98
34) Caprolactam	11.863	113	61829	17.995	ng/u1	96
35) 4-Chloro-3-methylphenol	12.204	107	219081	19.811	ng/u1	98
36) 2-Methylnaphthalene	12.575	142	412243	19.280	ng/u1	98
37) 1-Methylnaphthalene	12.793	142	417372	19.387	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.940	216	237549	19.651	ng/ul	99
40) Hexachlorocyclopentadiene	12.910	237	84918	17.137	ng/ul	98
41) 2,4,6-Trichlorophenol	13.181	196	161013	20.013	ng/ul	96
42) 2,4,5-Trichlorophenol	13.251	196	179983	20.529	ng/ul	97
43) 1,1'-Biphenyl	13.575	154	591811	19.713	ng/ul	100
44) 2-Chloronaphthalene	13.622	162	459310	19.500	ng/ul	99
45) 2-Nitroaniline	13.828	65	155190	20.587	ng/ul	99
47) Dimethylphthalate	14.193	163	648230	20.509	ng/ul	99
48) 2,6-Dinitrotoluene	14.316	165	133640	20.638	ng/ul	97
50) Acenaphthylene	14.463	152	730924	19.718	ng/ul	99
51) 3-Nitroaniline	14.651	138	125524	23.482	ng/ul	98
52) Acenaphthene	14.804	153	511041	19.944	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	58827	15.102	ng/ul	98
55) 4-Nitrophenol	14.951	109	96656	18.279	ng/ul	91
56) Dibenzofuran	15.140	168	740541	20.391	ng/ul	97
57) 2,4-Dinitrotoluene	15.104	165	196488	20.631	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.363	232	163131	20.607	ng/ul	99
59) Diethylphthalate	15.551	149	688619	21.258	ng/ul	99
61) Fluorene	15.787	166	605263	20.445	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.775	204	307172	20.587	ng/ul	99
63) 4-Nitroaniline	15.816	138	133166	26.263	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.875	198	115271	19.638	ng/ul#	96
67) N-Nitrosodiphenylamine	15.992	169	534802	20.750	ng/ul	100
68) 4-Bromophenyl-phenylether	16.675	248	201949	20.778	ng/ul	98
69) Hexachlorobenzene	16.798	284	237393	20.706	ng/ul	95
70) Atrazine	16.945	200	172083	16.720	ng/ul	98
71) Pentachlorophenol	17.145	266	120991	18.671	ng/ul	98
72) Phenanthrene	17.539	178	1028555	21.097	ng/ul	99
74) Anthracene	17.634	178	1017116	20.562	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.546	216	248538	19.822	ng/uL	99
76) Pentachlorobenzene	15.057	250	256187	19.515	ng/uL	96
77) Carbazole	17.898	167	958394	21.517	ng/ul	99
78) Di-n-butylphthalate	18.428	149	1285539	22.748	ng/ul	99
80) Fluoranthene	19.492	202	1308825	22.146	ng/ul	99
82) Pyrene	19.845	202	1351212	22.099	ng/ul	99
83) Butylbenzylphthalate	20.698	149	628503	23.256	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	410459	19.165	ng/ul	100
85) Benzo(a)anthracene	21.563	228	1353686	21.360	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	1620189	40.560	ng/ul	99
87) Chrysene	21.616	228	1284028	21.436	ng/ul	100
89) Di-n-octyl phthalate	22.427	149	1692201	26.412	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1383410	21.984	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	1318387	21.674	ng/ul	99
93) Benzo(a)pyrene	24.016	252	1153507	21.025	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.833	276	1361396	19.174	ng/ul	98
95) Dibenzo(a,h)anthracene	26.845	278	1124708	19.443	ng/ul	100
96) Benzo(g,h,i)perylene	27.668	276	1039466	17.765	ng/ul	100

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

