

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
 Data File : BP015408.D
 Acq On : 07 Jun 2023 20:22
 Operator : MA/JU
 Sample : 02950-13MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW990MS

Quant Time: Jun 08 01:38:20 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 06/08/2023
 Supervised By :mohammad ahmed 06/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	192929	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	873189	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.745	164	583781	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	1343048	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1274441	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	1423320	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	12985	2.492	ng/uL	0.00
4) Pyridine-d5	3.893	84	10591m	0.783	ng/u1	0.04
7) Phenol-d5	7.252	99	265324	14.928	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	169157	15.936	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	209054	16.223	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	227009	15.562	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	113787	16.598	ng/u1	0.00
24) 2-Nitrophenol-d4	10.004	143	130844	16.713	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	243119	17.024	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	296795	14.479	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	906749	19.697	ng/u1	0.00
49) Acenaphthylene-d8	14.440	160	926449	18.405	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	150813	18.294	ng/u1	0.00
60) Fluorene-d10	15.734	176	727616	18.743	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	159004	18.688	ng/u1	0.00
73) Anthracene-d10	17.598	188	1238543	20.268	ng/u1	0.00
81) Pyrene-d10	19.822	212	1576662	23.115	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	1552979	21.745	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	31644	5.750	ng/uL#	88
6) Benzaldehyde	7.234	77	178082	26.213	ng/u1	99
8) Phenol	7.281	94	301720	16.454	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.516	93	233600	16.113	ng/u1	98
12) 2-Chlorophenol	7.657	128	219091	16.092	ng/u1	97
13) 2-Methylphenol	8.546	108	215381	15.266	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.628	45	320345	16.674	ng/u1	98
16) Acetophenone	8.934	105	464203	19.940	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.910	70	210523	16.755	ng/u1	98
18) 4-Methylphenol	8.875	108	248070	15.981	ng/u1	98
19) Hexachloroethane	9.187	117	94468	16.419	ng/u1	97
22) Nitrobenzene	9.322	77	302997	16.666	ng/u1	99
23) Isophorone	9.846	82	620647	17.054	ng/u1	99
25) 2-Nitrophenol	10.034	139	144284	17.070	ng/u1	98
26) 2,4-Dimethylphenol	10.093	107	192690	10.750	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.328	93	352732	16.671	ng/u1	100
29) 2,4-Dichlorophenol	10.575	162	246854	17.385	ng/u1	97
30) Naphthalene	10.981	128	780021	16.485	ng/u1	100
32) 4-Chloroaniline	11.093	127	283314	13.357	ng/u1	100
33) Hexachlorobutadiene	11.257	225	160563	16.767	ng/u1	98
34) Caprolactam	11.869	113	98935	18.509	ng/u1	91
35) 4-Chloro-3-methylphenol	12.204	107	314757	18.296	ng/u1	97
36) 2-Methylnaphthalene	12.581	142	558290	16.784	ng/u1	99
37) 1-Methylnaphthalene	12.798	142	568568	16.977	ng/u1	97

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39) 1,2,4,5-Tetrachloroben...	12.945	216	323298	17.785	ng/ul	99
40) Hexachlorocyclopentadiene	12.916	237	91086	12.224	ng/ul	93
41) 2,4,6-Trichlorophenol	13.181	196	229438	18.963	ng/ul	94
42) 2,4,5-Trichlorophenol	13.257	196	250662	19.012	ng/ul	98
43) 1,1'-Biphenyl	13.581	154	803210	17.791	ng/ul	99
44) 2-Chloronaphthalene	13.622	162	627880	17.726	ng/ul	98
45) 2-Nitroaniline	13.828	65	220951	19.491	ng/ul	95
47) Dimethylphthalate	14.192	163	927473	19.513	ng/ul	99
48) 2,6-Dinitrotoluene	14.322	165	196767	20.206	ng/ul	100
50) Acenaphthylene	14.469	152	1006226	18.051	ng/ul	99
51) 3-Nitroaniline	14.651	138	190910	23.749	ng/ul	98
52) Acenaphthene	14.810	153	699144	18.144	ng/ul	98
53) 2,4-Dinitrophenol	14.863	184	103801	17.720	ng/ul	99
55) 4-Nitrophenol	14.957	109	157379	19.792	ng/ul	95
56) Dibenzofuran	15.139	168	1005659	18.414	ng/ul	100
57) 2,4-Dinitrotoluene	15.110	165	308321	21.527	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.369	232	248857	20.905	ng/ul	97
59) Diethylphthalate	15.551	149	1018680	20.912	ng/ul	99
61) Fluorene	15.792	166	842605	18.926	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.781	204	428153	19.082	ng/ul	98
63) 4-Nitroaniline	15.816	138	205116	26.900	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.875	198	178939	20.621	ng/ul	95
67) N-Nitrosodiphenylamine	15.998	169	786832	20.651	ng/ul	100
68) 4-Bromophenyl-phenylether	16.681	248	292900	20.385	ng/ul	99
69) Hexachlorobenzene	16.798	284	355406	20.969	ng/ul	97
70) Atrazine	16.951	200	290108	19.067	ng/ul	98
71) Pentachlorophenol	17.145	266	200176	20.896	ng/ul	98
72) Phenanthrene	17.545	178	1507776	20.920	ng/ul	100
74) Anthracene	17.633	178	1493828	20.428	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.545	216	338241	18.248	ng/uL	100
76) Pentachlorobenzene	15.063	250	357609	18.427	ng/uL	99
77) Carbazole	17.904	167	1436293	21.813	ng/ul	99
78) Di-n-butylphthalate	18.433	149	1953486	23.383	ng/ul	99
80) Fluoranthene	19.498	202	1938811	23.335	ng/ul	98
82) Pyrene	19.851	202	1983413	23.074	ng/ul	99
83) Butylbenzylphthalate	20.704	149	956186	25.167	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.486	252	561405	18.646	ng/ul	99
85) Benzo(a)anthracene	21.563	228	1965916	22.066	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	1420365	25.293	ng/ul	100
87) Chrysene	21.621	228	1865657	22.154	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	2456147	26.256	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	2081554	22.656	ng/ul	100
91) Benzo(k)fluoranthene	23.398	252	1920230	21.621	ng/ul	100
93) Benzo(a)pyrene	24.021	252	1715834	21.421	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.839	276	2041097	19.689	ng/ul	99
95) Dibenzo(a,h)anthracene	26.856	278	1720345	20.370	ng/ul	100
96) Benzo(g,h,i)perylene	27.668	276	1416860	16.585	ng/ul	99

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

