

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051123\
 Data File : BP015068.D
 Acq On : 11 May 2023 17:50
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020708

Quant Time: May 11 23:25:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 11 23:06:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/12/2023
 Supervised By :Jagrut Upadhyay 05/15/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	352962	20.000	ng/u1	0.00
20) Naphthalene-d8	10.975	136	1591541	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	1059997	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.539	188	2373230	20.000	ng/u1	0.00
79) Chrysene-d12	21.616	240	2264211	20.000	ng/u1	0.00
88) Perylene-d12	24.192	264	2697886	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	66652	7.337	ng/uL	0.00
4) Pyridine-d5	3.875	84	488591	18.974	ng/u1	0.00
7) Phenol-d5	7.287	99	612873	18.701	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.457	67	364030	19.233	ng/u1	0.00
11) 2-Chlorophenol-d4	7.663	132	473729	19.660	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	513087	19.648	ng/u1	0.00
21) Nitrobenzene-d5	9.316	128	250473	20.028	ng/u1	0.00
24) 2-Nitrophenol-d4	10.046	143	286504	20.589	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	521683	20.776	ng/u1	0.00
31) 4-Chloroaniline-d4	11.110	131	779484	20.981	ng/u1	0.00
46) Dimethylphthalate-d6	14.187	166	1631866	20.373	ng/u1	0.00
49) Acenaphthylene-d8	14.481	160	1872448	20.439	ng/u1	0.00
54) 4-Nitrophenol-d4	14.975	143	300900	19.346	ng/u1	0.00
60) Fluorene-d10	15.775	176	1413206	20.909	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.892	200	293198	19.604	ng/u1	0.00
73) Anthracene-d10	17.633	188	2230708	20.527	ng/u1	0.00
81) Pyrene-d10	19.851	212	2553830	19.447	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	2636643	19.687	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.475	88	73864	7.567	ng/uL	97
5) Pyridine	3.899	79	500913	18.704	ng/u1	99
6) Benzaldehyde	7.269	77	159463	17.703	ng/u1	94
8) Phenol	7.316	94	638253	18.993	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.552	93	527322	19.613	ng/u1	99
12) 2-Chlorophenol	7.699	128	501094	19.661	ng/u1	97
13) 2-Methylphenol	8.587	108	494707	19.048	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.669	45	650338	19.307	ng/u1	99
16) Acetophenone	8.975	105	845864	20.754	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.957	70	425587	19.910	ng/u1	97
18) 4-Methylphenol	8.916	108	564071	19.732	ng/u1	98
19) Hexachloroethane	9.234	117	205502	19.747	ng/u1	86
22) Nitrobenzene	9.357	77	597275	19.337	ng/u1	96
23) Isophorone	9.887	82	1252287	19.725	ng/u1	98
25) 2-Nitrophenol	10.075	139	308255	20.201	ng/u1	100
26) 2,4-Dimethylphenol	10.134	107	613419	20.145	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.369	93	766198	19.835	ng/u1	98
29) 2,4-Dichlorophenol	10.616	162	533250	21.024	ng/u1	97
30) Naphthalene	11.022	128	1751717	20.245	ng/u1	100
32) 4-Chloroaniline	11.134	127	810084	21.215	ng/u1	100
33) Hexachlorobutadiene	11.304	225	334244	21.865	ng/u1	98
34) Caprolactam	11.904	113	187567m	19.615	ng/u1	
35) 4-Chloro-3-methylphenol	12.245	107	577816	20.175	ng/u1	95
36) 2-Methylnaphthalene	12.622	142	1205299	20.674	ng/u1	100

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37) 1-Methylnaphthalene	12.840	142	1217950	20.803	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.987	216	676288	21.333	ng/ul	99
40) Hexachlorocyclopentadiene	12.957	237	413719	20.142	ng/ul	97
41) 2,4,6-Trichlorophenol	13.222	196	456292	20.383	ng/ul	97
42) 2,4,5-Trichlorophenol	13.292	196	504682	20.793	ng/ul	100
43) 1,1'-Biphenyl	13.616	154	1675496	20.373	ng/ul	98
44) 2-Chloronaphthalene	13.663	162	1310260	20.400	ng/ul	98
45) 2-Nitroaniline	13.863	65	349548	19.021	ng/ul	99
47) Dimethylphthalate	14.234	163	1708731	20.484	ng/ul	99
48) 2,6-Dinitrotoluene	14.357	165	340991	20.633	ng/ul	92
50) Acenaphthylene	14.504	152	2088778	20.435	ng/ul	99
51) 3-Nitroaniline	14.687	138	254365	17.093	ng/ul	98
52) Acenaphthene	14.845	153	1419726	20.336	ng/ul	98
53) 2,4-Dinitrophenol	14.892	184	197825	18.028	ng/ul	98
55) 4-Nitrophenol	14.986	109	222350	19.436	ng/ul	98
56) Dibenzofuran	15.181	168	1996616	20.562	ng/ul	97
57) 2,4-Dinitrotoluene	15.139	165	495941	20.738	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.404	232	443800	21.665	ng/ul	94
59) Diethylphthalate	15.586	149	1672104	20.097	ng/ul	100
61) Fluorene	15.828	166	1630407	20.893	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.816	204	810588	21.259	ng/ul	98
63) 4-Nitroaniline	15.845	138	227189	17.679	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.910	198	309824	20.072	ng/ul#	90
67) N-Nitrosodiphenylamine	16.033	169	1399280	20.052	ng/ul	99
68) 4-Bromophenyl-phenylether	16.716	248	526777	21.550	ng/ul	93
69) Hexachlorobenzene	16.839	284	642641	22.246	ng/ul#	91
70) Atrazine	16.980	200	534358	20.717	ng/ul	99
71) Pentachlorophenol	17.180	266	381804	21.130	ng/ul	96
72) Phenanthrene	17.580	178	2598902	20.110	ng/ul	100
74) Anthracene	17.669	178	2676066	20.478	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.587	216	698500	20.759	ng/ul	98
76) Pentachlorobenzene	15.098	250	730676	21.627	ng/ul	98
77) Carbazole	17.933	167	2385615	20.819	ng/ul	100
78) Di-n-butylphthalate	18.463	149	2895040	19.618	ng/ul	99
80) Fluoranthene	19.527	202	3106334	19.408	ng/ul	98
82) Pyrene	19.880	202	3236731	19.582	ng/ul	98
83) Butylbenzylphthalate	20.733	149	1316654	17.968	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.521	252	1073449	21.587	ng/ul	98
85) Benzo(a)anthracene	21.598	228	3139828	20.055	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.492	149	1905504	18.063	ng/ul	99
87) Chrysene	21.651	228	2998419	20.035	ng/ul	98
89) Di-n-octyl phthalate	22.474	149	3265788	17.675	ng/ul	100
90) Benzo(b)fluoranthene	23.392	252	3396107	19.857	ng/ul	99
91) Benzo(k)fluoranthene	23.445	252	3262943	19.868	ng/ul	99
93) Benzo(a)pyrene	24.074	252	2978605	19.703	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.915	276	3883150	19.838	ng/ul	96
95) Dibenzo(a,h)anthracene	26.939	278	3202004	19.928	ng/ul	98
96) Benzo(g,h,i)perylene	27.762	276	3132363	19.624	ng/ul	97

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

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