

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
 Data File : BP015231.D
 Acq On : 23 May 2023 09:49
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020727

Quant Time: May 23 22:46:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 01:25:41 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/24/2023
 Supervised By :mohammad ahmed 05/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	251670	20.000	ng/u1	0.00
20) Naphthalene-d8	10.951	136	1105308	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	683042	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1447580	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1012372	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1066712	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	47285	7.300	ng/uL	0.00
4) Pyridine-d5	3.869	84	334747	18.232	ng/u1	0.00
7) Phenol-d5	7.269	99	434196	18.582	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	259210	19.207	ng/u1	0.00
11) 2-Chlorophenol-d4	7.646	132	327692	19.073	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	349814	18.787	ng/u1	0.00
21) Nitrobenzene-d5	9.298	128	169683	19.536	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	191889	19.856	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	353835	20.290	ng/u1	0.00
31) 4-Chloroaniline-d4	11.086	131	476390	18.463	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	1007472	19.519	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	1157934	19.615	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	166876	16.650	ng/u1	0.00
60) Fluorene-d10	15.751	176	858034	19.701	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.874	200	146902	16.103	ng/u1	0.00
73) Anthracene-d10	17.616	188	1284003	19.371	ng/u1	0.00
81) Pyrene-d10	19.833	212	1313083	22.363	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1013510	19.140	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.463	88	50340	7.233	ng/uL	97
5) Pyridine	3.887	79	346077	18.124	ng/u1	96
6) Benzaldehyde	7.251	77	159458m	24.827	ng/u1	
8) Phenol	7.298	94	451886	18.859	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.534	93	361323	18.848	ng/u1	97
12) 2-Chlorophenol	7.675	128	350964	19.313	ng/u1	97
13) 2-Methylphenol	8.563	108	344690	18.613	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.657	45	465541	19.383	ng/u1	99
16) Acetophenone	8.951	105	554891	19.094	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.940	70	286353	18.788	ng/u1	96
18) 4-Methylphenol	8.898	108	378141	18.552	ng/u1	98
19) Hexachloroethane	9.210	117	139647	18.820	ng/u1	98
22) Nitrobenzene	9.340	77	431526	20.117	ng/u1	97
23) Isophorone	9.869	82	819466	18.585	ng/u1	99
25) 2-Nitrophenol	10.057	139	210765	19.888	ng/u1	94
26) 2,4-Dimethylphenol	10.110	107	417150	19.726	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.351	93	504352	18.800	ng/u1	99
29) 2,4-Dichlorophenol	10.592	162	357126	20.274	ng/u1	98
30) Naphthalene	11.004	128	1143399	19.028	ng/u1	100
32) 4-Chloroaniline	11.110	127	494598	18.651	ng/u1	98
33) Hexachlorobutadiene	11.281	225	224237	21.121	ng/u1	98
34) Caprolactam	11.886	113	112252	16.903	ng/u1	92
35) 4-Chloro-3-methylphenol	12.222	107	391574	19.687	ng/u1	100
36) 2-Methylnaphthalene	12.598	142	775544	19.154	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	778980	19.158	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	431866	21.141	ng/ul	99
40) Hexachlorocyclopentadiene	12.939	237	220987	16.696	ng/ul	99
41) 2,4,6-Trichlorophenol	13.198	196	290695	20.152	ng/ul	98
42) 2,4,5-Trichlorophenol	13.275	196	320772	20.509	ng/ul	98
43) 1,1'-Biphenyl	13.598	154	1061831	20.036	ng/ul	100
44) 2-Chloronaphthalene	13.645	162	836122	20.203	ng/ul	99
45) 2-Nitroaniline	13.845	65	247735	20.920	ng/ul	91
47) Dimethylphthalate	14.210	163	1040474	19.356	ng/ul	99
48) 2,6-Dinitrotoluene	14.339	165	219878	20.647	ng/ul	96
50) Acenaphthylene	14.486	152	1269767	19.278	ng/ul	99
51) 3-Nitroaniline	14.669	138	173625	18.106	ng/ul	98
52) Acenaphthene	14.827	153	869317	19.324	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	116091	16.418	ng/ul	95
55) 4-Nitrophenol	14.969	109	140308	19.034	ng/ul	86
56) Dibenzofuran	15.157	168	1235247	19.741	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	308840	20.042	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.380	232	262322	19.873	ng/ul	99
59) Diethylphthalate	15.569	149	1029506	19.203	ng/ul	99
61) Fluorene	15.810	166	975154	19.393	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	494513	20.127	ng/ul	97
63) 4-Nitroaniline	15.827	138	135806m	16.400	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.886	198	154143	16.372	ng/ul	99
67) N-Nitrosodiphenylamine	16.010	169	836826	19.660	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	310295	20.811	ng/ul	99
69) Hexachlorobenzene	16.816	284	359892	20.425	ng/ul	99
70) Atrazine	16.963	200	315448	20.051	ng/ul	99
71) Pentachlorophenol	17.163	266	192925	17.504	ng/ul	96
72) Phenanthrene	17.557	178	1524117	19.335	ng/ul	99
74) Anthracene	17.651	178	1530001	19.195	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	443025	21.585	ng/ul	99
76) Pentachlorobenzene	15.080	250	435953	21.154	ng/ul	99
77) Carbazole	17.916	167	1315251	18.817	ng/ul	99
78) Di-n-butylphthalate	18.445	149	1746046	19.398	ng/ul	99
80) Fluoranthene	19.510	202	1650497	23.063	ng/ul	97
82) Pyrene	19.863	202	1649496	22.320	ng/ul	97
83) Butylbenzylphthalate	20.715	149	712167	21.737	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.498	252	420557	18.915	ng/ul	97
85) Benzo(a)anthracene	21.574	228	1399580	19.994	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	1041897	22.089	ng/ul	99
87) Chrysene	21.633	228	1308750	19.558	ng/ul	97
89) Di-n-octyl phthalate	22.445	149	1592026	21.792	ng/ul	100
90) Benzo(b)fluoranthene	23.362	252	1332568	19.706	ng/ul	99
91) Benzo(k)fluoranthene	23.409	252	1276649	19.661	ng/ul	99
93) Benzo(a)pyrene	24.033	252	1137794	19.035	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.850	276	1484671	19.183	ng/ul	97
95) Dibenzo(a,h)anthracene	26.874	278	1220549	19.212	ng/ul	99
96) Benzo(g,h,i)perylene	27.692	276	1210829	19.186	ng/ul	98

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

