

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015668.D
 Acq On : 23 Jun 2023 13:13
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020763

Quant Time: Jun 23 22:40:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	141383	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	575457	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	341095	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	630841	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	519522	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	657956	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	30296	7.935	ng/uL	0.00
4) Pyridine-d5	3.840	84	203568	20.526	ng/u1	0.00
7) Phenol-d5	7.246	99	253937	19.496	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	153467	19.729	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	195514	20.703	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	202607	18.953	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	97920	21.674	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	114256	22.145	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	200757	21.331	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	253608	18.773	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	563635	20.955	ng/u1	0.00
49) Acenaphthylene-d8	14.428	160	646288	21.974	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	67563	14.027	ng/u1	0.00
60) Fluorene-d10	15.728	176	454752	20.049	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	77923	19.498	ng/u1	0.00
73) Anthracene-d10	17.592	188	623019	21.706	ng/u1	0.00
81) Pyrene-d10	19.822	212	626780	22.541	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	688719	20.862	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	33001	8.183	ng/uL	92
5) Pyridine	3.864	79	208229	20.253	ng/u1	97
6) Benzaldehyde	7.216	77	84490	16.971	ng/u1	98
8) Phenol	7.275	94	262179	19.511	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.499	93	207113	19.494	ng/u1	99
12) 2-Chlorophenol	7.640	128	206109	20.657	ng/u1	96
13) 2-Methylphenol	8.534	108	199849	19.330	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.616	45	276490	19.638	ng/u1	95
16) Acetophenone	8.916	105	332896	19.513	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.899	70	179836	19.531	ng/u1	99
18) 4-Methylphenol	8.869	108	217938	19.158	ng/u1	100
19) Hexachloroethane	9.163	117	91114	21.610	ng/u1	98
22) Nitrobenzene	9.305	77	261549	21.830	ng/u1	99
23) Isophorone	9.834	82	499342	20.820	ng/u1	99
25) 2-Nitrophenol	10.022	139	119917	21.527	ng/u1	95
26) 2,4-Dimethylphenol	10.075	107	259669	21.981	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.310	93	281475	20.186	ng/u1	99
29) 2,4-Dichlorophenol	10.563	162	205259	21.935	ng/u1	99
30) Naphthalene	10.957	128	670621	21.506	ng/u1	100
32) 4-Chloroaniline	11.081	127	257171	18.398	ng/u1	97
33) Hexachlorobutadiene	11.228	225	147796	23.420	ng/u1	98
34) Caprolactam	11.863	113	60577	17.197	ng/u1	92
35) 4-Chloro-3-methylphenol	12.204	107	227455	20.061	ng/u1	97
36) 2-Methylnaphthalene	12.563	142	442887	20.203	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.781	142	447281	20.265	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.928	216	252034	23.729	ng/ul	99
40) Hexachlorocyclopentadiene	12.893	237	66878	15.361	ng/ul	98
41) 2,4,6-Trichlorophenol	13.175	196	160211	22.663	ng/ul	99
42) 2,4,5-Trichlorophenol	13.251	196	170116	22.083	ng/ul	98
43) 1,1'-Biphenyl	13.563	154	593616	22.504	ng/ul	99
44) 2-Chloronaphthalene	13.610	162	471516	22.783	ng/ul	99
45) 2-Nitroaniline	13.828	65	144483	21.813	ng/ul	98
47) Dimethylphthalate	14.181	163	588937	21.207	ng/ul	99
48) 2,6-Dinitrotoluene	14.316	165	119413	20.987	ng/ul	99
50) Acenaphthylene	14.457	152	716009	21.984	ng/ul	99
51) 3-Nitroaniline	14.651	138	96407	20.525	ng/ul	91
52) Acenaphthene	14.792	153	488528	21.699	ng/ul	99
53) 2,4-Dinitrophenol	14.881	184	47207	13.793	ng/ul	99
55) 4-Nitrophenol	14.975	109	70036	15.074	ng/ul	91
56) Dibenzofuran	15.134	168	665747	20.863	ng/ul	100
57) 2,4-Dinitrotoluene	15.116	165	157243	18.790	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.363	232	135982	19.550	ng/ul	99
59) Diethylphthalate	15.539	149	583796	20.511	ng/ul	98
61) Fluorene	15.781	166	531437	20.430	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.769	204	276287	21.074	ng/ul	98
63) 4-Nitroaniline	15.822	138	63844m	14.330	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.887	198	79810	19.581	ng/ul	92
67) N-Nitrosodiphenylamine	15.986	169	445935	24.917	ng/ul	98
68) 4-Bromophenyl-phenylether	16.669	248	168927	25.030	ng/ul	96
69) Hexachlorobenzene	16.792	284	189816	23.843	ng/ul	95
70) Atrazine	16.945	200	165501	23.158	ng/ul	98
71) Pentachlorophenol	17.151	266	85762m	19.060	ng/ul	
72) Phenanthrene	17.539	178	739574	21.846	ng/ul	98
74) Anthracene	17.628	178	743702	21.651	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.534	216	256091	29.414	ng/uL	100
76) Pentachlorobenzene	15.051	250	247543	27.156	ng/uL	98
77) Carbazole	17.904	167	627164	20.278	ng/ul	100
78) Di-n-butylphthalate	18.422	149	881954	22.475	ng/ul	99
80) Fluoranthene	19.498	202	771900	22.790	ng/ul	98
82) Pyrene	19.851	202	790794	22.568	ng/ul	97
83) Butylbenzylphthalate	20.704	149	341933	22.078	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.492	252	265289	21.614	ng/ul	99
85) Benzo(a)anthracene	21.569	228	782662	21.550	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.457	149	481755	21.045	ng/ul	99
87) Chrysene	21.627	228	741080	21.588	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	840825	19.444	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	852138	20.064	ng/ul	99
91) Benzo(k)fluoranthene	23.410	252	864162	21.049	ng/ul	99
93) Benzo(a)pyrene	24.033	252	772486	20.862	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.868	276	1075772	22.449	ng/ul	98
95) Dibenzo(a,h)anthracene	26.874	278	893581	22.888	ng/ul	99
96) Benzo(g,h,i)perylene	27.709	276	882229	22.339	ng/ul	98

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

