

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015654.D
 Acq On : 22 Jun 2023 19:02
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020761

Quant Time: Jun 22 23:23:21 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 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	162552	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	691686	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	415515	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	769280	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	537983	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	671937	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	35258	8.032	ng/uL	0.00
4) Pyridine-d5	3.840	84	221508	19.427	ng/u1	0.00
7) Phenol-d5	7.240	99	295784	19.751	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	180250	20.154	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	227010	20.908	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	242816	19.756	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	119289	21.967	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	137023	22.095	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	244545	21.617	ng/u1	0.00
31) 4-Chloroaniline-d4	11.051	131	307352	18.928	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	698486	21.317	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	795149	22.193	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	86754	14.785	ng/u1	0.00
60) Fluorene-d10	15.722	176	563912	20.409	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	92636	19.008	ng/u1	0.00
73) Anthracene-d10	17.592	188	761765	21.764	ng/u1	0.00
81) Pyrene-d10	19.816	212	697397	24.220	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	716534	21.253	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	36236	7.815	ng/uL	89
5) Pyridine	3.858	79	236143	19.976	ng/u1	95
6) Benzaldehyde	7.216	77	102194m	17.854	ng/u1	
8) Phenol	7.269	94	307160	19.881	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.493	93	245411	20.091	ng/u1	100
12) 2-Chlorophenol	7.640	128	240911	21.001	ng/u1	98
13) 2-Methylphenol	8.534	108	239277	20.129	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.616	45	327096	20.207	ng/u1	96
16) Acetophenone	8.916	105	399141	20.349	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.899	70	216688	20.469	ng/u1	98
18) 4-Methylphenol	8.863	108	259313	19.827	ng/u1	99
19) Hexachloroethane	9.163	117	106922	22.057	ng/u1	95
22) Nitrobenzene	9.305	77	323668	22.475	ng/u1	98
23) Isophorone	9.828	82	612823	21.258	ng/u1	99
25) 2-Nitrophenol	10.016	139	143846	21.483	ng/u1	99
26) 2,4-Dimethylphenol	10.075	107	318128	22.404	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.310	93	348483	20.792	ng/u1	98
29) 2,4-Dichlorophenol	10.557	162	246233	21.892	ng/u1	97
30) Naphthalene	10.957	128	802511	21.411	ng/u1	99
32) 4-Chloroaniline	11.075	127	320457	19.073	ng/u1	99
33) Hexachlorobutadiene	11.228	225	178790	23.570	ng/u1	98
34) Caprolactam	11.869	113	68119	16.088	ng/u1	97
35) 4-Chloro-3-methylphenol	12.198	107	283133	20.776	ng/u1	99
36) 2-Methylnaphthalene	12.557	142	537486	20.398	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.781	142	543015	20.468	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.928	216	312501	24.152	ng/ul	99
40) Hexachlorocyclopentadiene	12.893	237	126727	23.894	ng/ul	98
41) 2,4,6-Trichlorophenol	13.169	196	196776	22.850	ng/ul	96
42) 2,4,5-Trichlorophenol	13.251	196	210923	22.476	ng/ul	100
43) 1,1'-Biphenyl	13.563	154	738630	22.986	ng/ul	99
44) 2-Chloronaphthalene	13.610	162	580214	23.014	ng/ul	98
45) 2-Nitroaniline	13.822	65	182227	22.584	ng/ul	98
47) Dimethylphthalate	14.181	163	723329	21.381	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	151221	21.818	ng/ul	96
50) Acenaphthylene	14.451	152	872569	21.992	ng/ul	100
51) 3-Nitroaniline	14.651	138	114302	19.977	ng/ul	100
52) Acenaphthene	14.792	153	602499	21.968	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	60051	14.403	ng/ul	97
55) 4-Nitrophenol	14.963	109	93177	16.463	ng/ul	86
56) Dibenzofuran	15.128	168	825092	21.226	ng/ul	96
57) 2,4-Dinitrotoluene	15.110	165	196818	19.307	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.357	232	163269	19.269	ng/ul	97
59) Diethylphthalate	15.539	149	714240	20.600	ng/ul	99
61) Fluorene	15.781	166	657535	20.750	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.769	204	340178	21.301	ng/ul	98
63) 4-Nitroaniline	15.816	138	83081m	15.308	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.875	198	93095	18.730	ng/ul#	89
67) N-Nitrosodiphenylamine	15.987	169	546885	25.058	ng/ul	98
68) 4-Bromophenyl-phenylether	16.663	248	208536	25.338	ng/ul	95
69) Hexachlorobenzene	16.786	284	233387	24.041	ng/ul	93
70) Atrazine	16.939	200	200868	23.048	ng/ul	99
71) Pentachlorophenol	17.145	266	89413m	16.295	ng/ul	
72) Phenanthrene	17.533	178	909742	22.037	ng/ul	99
74) Anthracene	17.622	178	901446	21.521	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.528	216	321339	30.266	ng/uL	98
76) Pentachlorobenzene	15.045	250	307164	27.632	ng/uL	96
77) Carbazole	17.898	167	736499	19.528	ng/ul	100
78) Di-n-butylphthalate	18.422	149	1024093	21.401	ng/ul	99
80) Fluoranthene	19.492	202	878297	25.042	ng/ul	97
82) Pyrene	19.845	202	882371	24.317	ng/ul	96
83) Butylbenzylphthalate	20.698	149	383540	23.914	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.492	252	276871	21.784	ng/ul	99
85) Benzo(a)anthracene	21.563	228	812403	21.601	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.451	149	532640	22.469	ng/ul	99
87) Chrysene	21.622	228	762504	21.450	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	906421	20.525	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	871993	20.104	ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	879501	20.977	ng/ul	99
93) Benzo(a)pyrene	24.021	252	791081	20.919	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.839	276	1148880	23.475	ng/ul	97
95) Dibenzo(a,h)anthracene	26.851	278	945672	23.718	ng/ul	97
96) Benzo(g,h,i)perylene	27.674	276	946761	23.475	ng/ul	98

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

