

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061433.D
 Acq On : 3 Jun 2024 22:18
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020511

Quant Time: Jun 03 23:13:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	35594	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	139718	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	110568	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	266616	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.519	240	289102	20.000	ng/ul	0.00
88) Perylene-d12	24.603	264	330174	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	5421	8.523	ng/uL	0.00
4) Pyridine-d5	3.740	84	43369	19.167	ng/ul	0.00
7) Phenol-d5	7.059	99	54806	18.750	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.200	67	34434	18.742	ng/ul	0.00
11) 2-Chlorophenol-d4	7.418	132	43641	20.174	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	46964	18.843	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	19621	18.240	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	25512	20.264	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	51439	20.958	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	62451	19.449	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	162942	19.001	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	185887	20.850	ng/ul	0.00
54) 4-Nitrophenol-d4	14.750	143	17147	16.173	ng/ul	0.01
60) Fluorene-d10	15.508	176	146116	19.736	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	28280	17.537	ng/ul	0.01
73) Anthracene-d10	17.359	188	244721	20.820	ng/ul	0.00
81) Pyrene-d10	19.656	212	293344	19.762	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.392	264	318091	20.039	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	6508	8.525	ng/uL	91
5) Pyridine	3.763	79	41929	18.735	ng/ul	93
6) Benzaldehyde	7.012	77	24831	16.246	ng/ul	99
8) Phenol	7.089	94	56886	19.101	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.294	93	42256	19.397	ng/ul	94
12) 2-Chlorophenol	7.447	128	45491	19.898	ng/ul	98
13) 2-Methylphenol	8.328	108	43148	18.694	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.405	45	100551	17.091	ng/ul#	95
16) Acetophenone	8.693	105	69985	16.453	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.675	70	37860	16.188	ng/ul	95
18) 4-Methylphenol	8.657	108	46401	18.145	ng/ul	96
19) Hexachloroethane	8.945	117	18389	18.078	ng/ul	93
22) Nitrobenzene	9.075	77	56082	19.008	ng/ul	98
23) Isophorone	9.598	82	102592	17.094	ng/ul	97
25) 2-Nitrophenol	9.786	139	26862	19.657	ng/ul	98
26) 2,4-Dimethylphenol	9.856	107	53451	19.741	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.079	93	57195	19.011	ng/ul	97
29) 2,4-Dichlorophenol	10.332	162	48948	21.652	ng/ul	94
30) Naphthalene	10.720	128	150719	20.438	ng/ul	98
32) 4-Chloroaniline	10.831	127	61202	19.180	ng/ul	98
33) Hexachlorobutadiene	11.002	225	48100	21.768	ng/ul	95
34) Caprolactam	11.583	113	14842	17.161	ng/ul	97
35) 4-Chloro-3-methylphenol	11.977	107	54782	18.746	ng/ul	90
36) 2-Methylnaphthalene	12.330	142	106312	19.879	ng/ul	98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.547	142	106880	19.474	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.706	216	84875	23.250	ng/ul	97
40) Hexachlorocyclopentadiene	12.676	237	23615	14.332	ng/ul	91
41) 2,4,6-Trichlorophenol	12.952	196	47785	23.240	ng/ul	92
42) 2,4,5-Trichlorophenol	13.035	196	50066m	23.122	ng/ul	
43) 1,1'-Biphenyl	13.340	154	151603	21.204	ng/ul	97
44) 2-Chloronaphthalene	13.387	162	122958	21.853	ng/ul	97
45) 2-Nitroaniline	13.593	65	43401	18.690	ng/ul	97
47) Dimethylphthalate	13.963	163	168895	18.896	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	34105	19.458	ng/ul	99
50) Acenaphthylene	14.233	152	202055	20.438	ng/ul	99
51) 3-Nitroaniline	14.421	138	28887	18.991	ng/ul	95
52) Acenaphthene	14.574	153	135669	20.920	ng/ul	96
53) 2,4-Dinitrophenol	14.656	184	17927m	19.287	ng/ul	
55) 4-Nitrophenol	14.768	109	18943	15.197	ng/ul	90
56) Dibenzofuran	14.909	168	186244	20.086	ng/ul	98
57) 2,4-Dinitrotoluene	14.885	165	49975	18.740	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.150	232	40190	20.350	ng/ul	98
59) Diethylphthalate	15.332	149	161252	18.270	ng/ul	99
61) Fluorene	15.561	166	159501	19.881	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.555	204	95392	20.274	ng/ul	96
63) 4-Nitroaniline	15.585	138	27181m	17.157	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.661	198	29587	17.508	ng/ul#	97
67) N-Nitrosodiphenylamine	15.767	169	138853	20.721	ng/ul	99
68) 4-Bromophenyl-phenylether	16.448	248	67119	21.246	ng/ul	97
69) Hexachlorobenzene	16.572	284	73508	20.934	ng/ul	96
70) Atrazine	16.724	200	48554	18.309	ng/ul	94
71) Pentachlorophenol	16.930	266	30952m	25.326	ng/ul	
72) Phenanthrene	17.306	178	267678	20.685	ng/ul	99
74) Anthracene	17.394	178	275208	20.569	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.311	216	85473	24.253	ng/uL	98
76) Pentachlorobenzene	14.838	250	85066	21.832	ng/uL	96
77) Carbazole	17.670	167	227343	20.890	ng/ul	99
78) Di-n-butylphthalate	18.223	149	281400	20.636	ng/ul	99
80) Fluoranthene	19.321	202	353288	19.839	ng/ul	99
82) Pyrene	19.686	202	364655	19.728	ng/ul	100
83) Butylbenzylphthalate	20.573	149	128398	20.221	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.413	252	138417	22.556	ng/ul#	97
85) Benzo(a)anthracene	21.495	228	401751	20.140	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.407	149	186726	19.866	ng/ul#	99
87) Chrysene	21.560	228	370934	20.195	ng/ul	99
89) Di-n-octyl phthalate	22.565	149	326257	19.751	ng/ul	100
90) Benzo(b)fluoranthene	23.628	252	389303	19.803	ng/ul	99
91) Benzo(k)fluoranthene	23.693	252	396125	19.849	ng/ul	97
93) Benzo(a)pyrene	24.462	252	375034	20.091	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.117	276	455970m	20.199	ng/ul	
95) Dibenzo(a,h)anthracene	28.164	278	383455m	20.601	ng/ul	
96) Benzo(g,h,i)perylene	29.210	276	346191	19.277	ng/ul	97

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

