

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
 Data File : BG061788.D
 Acq On : 29 Jun 2024 2:31
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020545

Quant Time: Jun 29 05:19:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.053	152	84985	20.000	ng/u1	0.00
20) Naphthalene-d8	10.868	136	402846	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.687	164	267956	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.425	188	592550	20.000	ng/u1	0.00
79) Chrysene-d12	21.690	240	466734	20.000	ng/u1	0.00
88) Perylene-d12	24.904	264	543113	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.459	96	17602	7.482	ng/uL	0.00
4) Pyridine-d5	3.876	84	129040	18.142	ng/u1	0.00
7) Phenol-d5	7.207	99	171346	18.572	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.378	67	106561	18.528	ng/u1	0.00
11) 2-Chlorophenol-d4	7.583	132	120226	18.990	ng/u1	0.00
15) 4-Methylphenol-d8	8.753	113	133817	18.762	ng/u1	0.00
21) Nitrobenzene-d5	9.223	128	60164	21.995	ng/u1	0.00
24) 2-Nitrophenol-d4	9.945	143	71438	25.787	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	134335	20.479	ng/u1	0.00
31) 4-Chloroaniline-d4	10.997	131	176770	17.799	ng/u1	0.00
46) Dimethylphthalate-d6	14.088	166	396660	19.236	ng/u1	0.00
49) Acenaphthylene-d8	14.381	160	458195	20.276	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	67251	18.990	ng/u1	0.00
60) Fluorene-d10	15.674	176	349412	19.356	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	51531	20.338	ng/u1	0.00
73) Anthracene-d10	17.525	188	538897	19.924	ng/u1	0.00
81) Pyrene-d10	19.804	212	561523	21.538	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.681	264	520434	20.063	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.494	88	20538	7.025	ng/uL#	87
5) Pyridine	3.894	79	139579	18.255	ng/u1	91
6) Benzaldehyde	7.196	77	102344m	22.543	ng/u1	
8) Phenol	7.231	94	174279	17.951	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.472	93	129012	17.655	ng/u1	97
12) 2-Chlorophenol	7.619	128	122110	19.225	ng/u1	91
13) 2-Methylphenol	8.494	108	125324	18.450	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.576	45	284530	19.059	ng/u1	98
16) Acetophenone	8.876	105	212250	18.073	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.864	70	109208	17.311	ng/u1#	91
18) 4-Methylphenol	8.817	108	137667	18.090	ng/u1	98
19) Hexachloroethane	9.146	117	48311	18.969	ng/u1	96
22) Nitrobenzene	9.264	77	166768	21.164	ng/u1	93
23) Isophorone	9.787	82	326690	18.027	ng/u1	98
25) 2-Nitrophenol	9.975	139	68339	23.590	ng/u1#	78
26) 2,4-Dimethylphenol	10.028	107	156758	19.348	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.269	93	194468	18.970	ng/u1	95
29) 2,4-Dichlorophenol	10.509	162	125740	20.921	ng/u1	98
30) Naphthalene	10.921	128	418523	18.568	ng/u1	98
32) 4-Chloroaniline	11.026	127	179100	18.183	ng/u1	96
33) Hexachlorobutadiene	11.197	225	91315	21.995	ng/u1#	90
34) Caprolactam	11.784	113	42043	16.917	ng/u1	87
35) 4-Chloro-3-methylphenol	12.137	107	158932	18.910	ng/u1	99
36) 2-Methylnaphthalene	12.519	142	296876	18.666	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.736	142	305259	17.988	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.877	216	165177	21.781	ng/ul	98
40) Hexachlorocyclopentadiene	12.860	237	67783	15.023	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.118	196	107089	21.887	ng/ul	88
42) 2,4,5-Trichlorophenol	13.189	196	112897	21.170	ng/ul	88
43) 1,1'-Biphenyl	13.524	154	410195	21.133	ng/ul	98
44) 2-Chloronaphthalene	13.565	162	307466	20.622	ng/ul	99
45) 2-Nitroaniline	13.764	65	123577	24.212	ng/ul	97
47) Dimethylphthalate	14.135	163	378915	18.505	ng/ul	98
48) 2,6-Dinitrotoluene	14.258	165	81623	24.022	ng/ul#	95
50) Acenaphthylene	14.411	152	486574	19.289	ng/ul	96
51) 3-Nitroaniline	14.587	138	81389	23.390	ng/ul#	93
52) Acenaphthene	14.746	153	330855	18.939	ng/ul	99
53) 2,4-Dinitrophenol	14.787	184	34742	20.121	ng/ul	93
55) 4-Nitrophenol	14.887	109	68179	18.643	ng/ul	94
56) Dibenzofuran	15.081	168	477789	19.544	ng/ul	95
57) 2,4-Dinitrotoluene	15.039	165	116619	23.122	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.304	232	100530	19.225	ng/ul	97
59) Diethylphthalate	15.498	149	389772	18.482	ng/ul	95
61) Fluorene	15.733	166	383673	18.964	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.721	204	191461	19.063	ng/ul	98
63) 4-Nitroaniline	15.750	138	88721	24.067	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.797	198	54504	18.991	ng/ul	94
67) N-Nitrosodiphenylamine	15.932	169	317834	20.742	ng/ul	96
68) 4-Bromophenyl-phenylether	16.614	248	133440	21.872	ng/ul	95
69) Hexachlorobenzene	16.726	284	155063	20.943	ng/ul	97
70) Atrazine	16.878	200	125069	20.434	ng/ul	95
71) Pentachlorophenol	17.066	266	81399	18.048	ng/ul	98
72) Phenanthrene	17.472	178	610892	19.596	ng/ul	99
74) Anthracene	17.560	178	622888	19.539	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.482	216	162094	24.553	ng/ul	96
76) Pentachlorobenzene	14.998	250	176377	22.247	ng/ul	93
77) Carbazole	17.830	167	532356	19.668	ng/ul	99
78) Di-n-butylphthalate	18.383	149	662152	20.454	ng/ul	99
80) Fluoranthene	19.475	202	654862	21.649	ng/ul	97
82) Pyrene	19.834	202	676971	21.047	ng/ul	99
83) Butylbenzylphthalate	20.721	149	281841	24.066	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.585	252	205904	20.864	ng/ul	92
85) Benzo(a)anthracene	21.667	228	648265	19.787	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.579	149	397332	23.081	ng/ul	96
87) Chrysene	21.737	228	613143	19.778	ng/ul	96
89) Di-n-octyl phthalate	22.795	149	671261	23.433	ng/ul	100
90) Benzo(b)fluoranthene	23.882	252	638064	19.544	ng/ul	99
91) Benzo(k)fluoranthene	23.947	252	654766	19.501	ng/ul	96
93) Benzo(a)pyrene	24.752	252	613937	19.533	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.565	276	788352m	20.128	ng/ul	
95) Dibenzo(a,h)anthracene	28.641	278	656231	20.149	ng/ul	99
96) Benzo(g,h,i)perylene	29.710	276	628640	19.911	ng/ul	96

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

