

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
 Data File : BG063067.D
 Acq On : 27 Sep 2024 10:36
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020511

Quant Time: Sep 27 23:04:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 25 13:16:45 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/30/2024
 Supervised By :mohammad ahmed 10/01/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.850	152	99130	20.000	ng/u1	0.00
20) Naphthalene-d8	10.641	136	450611	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.484	164	393535	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	1025604	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.487	240	1092881	20.000	ng/u1	# 0.00
88) Perylene-d12	24.525	264	1223822	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	12724	7.400	ng/uL	0.00
4) Pyridine-d5	3.720	84	94421m	22.456	ng/u1	0.00
7) Phenol-d5	7.022	99	137196	22.408	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	57174	23.903	ng/u1	0.00
11) 2-Chlorophenol-d4	7.386	132	130120	21.629	ng/u1	0.00
15) 4-Methylphenol-d8	8.555	113	127850	23.131	ng/u1	0.00
21) Nitrobenzene-d5	9.002	128	65749	19.843	ng/u1	0.00
24) 2-Nitrophenol-d4	9.725	143	83860	19.817	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.259	165	178655	20.228	ng/u1	0.00
31) 4-Chloroaniline-d4	10.770	131	202378	19.527	ng/u1	0.00
46) Dimethylphthalate-d6	13.890	166	599786	19.169	ng/u1	0.00
49) Acenaphthylene-d8	14.178	160	651029	19.634	ng/u1	0.00
54) 4-Nitrophenol-d4	14.689	143	85424	18.102	ng/u1	0.00
60) Fluorene-d10	15.483	176	539713	18.825	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.606	200	132039	18.422	ng/u1	0.00
73) Anthracene-d10	17.333	188	963742	19.586	ng/u1	0.00
81) Pyrene-d10	19.631	212	1252610	20.355	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.319	264	1293658	19.737	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.350	88	14845	7.313	ng/uL	96
5) Pyridine	3.743	79	92282	22.296	ng/u1#	81
6) Benzaldehyde	6.992	77	71876	25.276	ng/u1	94
8) Phenol	7.051	94	136535	22.161	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.275	93	86839	22.652	ng/u1	99
12) 2-Chlorophenol	7.416	128	125714	21.525	ng/u1	98
13) 2-Methylphenol	8.297	108	119490	22.063	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.367	45	72307	24.759	ng/u1	95
16) Acetophenone	8.667	105	192099	22.348	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.649	70	77293	21.990	ng/u1#	89
18) 4-Methylphenol	8.620	108	132738	22.374	ng/u1	87
19) Hexachloroethane	8.926	117	47231	20.434	ng/u1	91
22) Nitrobenzene	9.043	77	124609	19.920	ng/u1	91
23) Isophorone	9.566	82	249229	20.632	ng/u1#	97
25) 2-Nitrophenol	9.760	139	87486	20.206	ng/u1	93
26) 2,4-Dimethylphenol	9.819	107	155386	19.942	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.048	93	133425	21.133	ng/u1	99
29) 2,4-Dichlorophenol	10.289	162	176600	20.893	ng/u1	98
30) Naphthalene	10.688	128	450253	19.658	ng/u1	98
32) 4-Chloroaniline	10.800	127	180972	18.990	ng/u1#	82
33) Hexachlorobutadiene	10.976	225	159629	19.421	ng/u1	94
34) Caprolactam	11.546	113	45123m	19.086	ng/u1	
35) 4-Chloro-3-methylphenol	11.928	107	149000	20.060	ng/u1	99
36) 2-Methylnaphthalene	12.304	142	371840	20.014	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.521	142	384012	20.448	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.674	216	311428	20.371	ng/ul	97
40) Hexachlorocyclopentadiene	12.656	237	160015	18.419	ng/ul#	98
41) 2,4,6-Trichlorophenol	12.915	196	183332	20.847	ng/ul	98
42) 2,4,5-Trichlorophenol	12.985	196	195057	20.182	ng/ul	96
43) 1,1'-Biphenyl	13.315	154	526401	20.203	ng/ul	98
44) 2-Chloronaphthalene	13.356	162	417982	19.922	ng/ul	96
45) 2-Nitroaniline	13.561	65	74403	19.704	ng/ul	91
47) Dimethylphthalate	13.937	163	563178	18.768	ng/ul	98
48) 2,6-Dinitrotoluene	14.061	165	121010	19.584	ng/ul	96
50) Acenaphthylene	14.208	152	661117	19.896	ng/ul	97
51) 3-Nitroaniline	14.390	138	108164	20.741	ng/ul#	92
52) Acenaphthene	14.548	153	461277	19.930	ng/ul	97
53) 2,4-Dinitrophenol	14.595	184	74165	16.979	ng/ul	95
55) 4-Nitrophenol	14.707	109	93927	16.442	ng/ul#	85
56) Dibenzofuran	14.883	168	724089	19.552	ng/ul	98
57) 2,4-Dinitrotoluene	14.848	165	180035	18.288	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.112	232	185090	17.923	ng/ul#	96
59) Diethylphthalate	15.306	149	539884	18.186	ng/ul	99
61) Fluorene	15.535	166	588952	19.298	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.530	204	368320	19.206	ng/ul	97
63) 4-Nitroaniline	15.553	138	114740	20.290	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.618	198	133833	17.611	ng/ul#	98
67) N-Nitrosodiphenylamine	15.741	169	523986	20.494	ng/ul	98
68) 4-Bromophenyl-phenylether	16.423	248	265254	21.074	ng/ul	93
69) Hexachlorobenzene	16.546	284	277947	19.820	ng/ul	99
70) Atrazine	16.693	200	251405	19.997	ng/ul	96
71) Pentachlorophenol	16.893	266	148466m	17.013	ng/ul	
72) Phenanthrene	17.275	178	1056339	19.980	ng/ul	99
74) Anthracene	17.369	178	1086427	19.983	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.279	216	321161	21.944	ng/ul	92
76) Pentachlorobenzene	14.807	250	334361	20.969	ng/ul	95
77) Carbazole	17.639	167	867193	19.932	ng/ul	99
78) Di-n-butylphthalate	18.203	149	976224	20.661	ng/ul	98
80) Fluoranthene	19.296	202	1415021	20.515	ng/ul	99
82) Pyrene	19.660	202	1490650	20.631	ng/ul#	99
83) Butylbenzylphthalate	20.553	149	425293	21.326	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.387	252	538780	20.858	ng/ul#	97
85) Benzo(a)anthracene	21.470	228	1530149	20.159	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.387	149	620825	21.770	ng/ul	96
87) Chrysene	21.534	228	1426322	20.243	ng/ul	99
89) Di-n-octyl phthalate	22.533	149	1024881	22.086	ng/ul	100
90) Benzo(b)fluoranthene	23.567	252	1499877	19.707	ng/ul	98
91) Benzo(k)fluoranthene	23.632	252	1515234m	20.041	ng/ul	
93) Benzo(a)pyrene	24.384	252	1368376	19.644	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	27.950	276	1741799	20.310	ng/ul	99
95) Dibenzo(a,h)anthracene	28.003	278	1388249	19.864	ng/ul	98
96) Benzo(g,h,i)perylene	29.020	276	1313583	20.224	ng/ul	98

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

