

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
 Data File : BG063100.D
 Acq On : 28 Sep 2024 9:37
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020514

Quant Time: Sep 28 23:35:05 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	7.846	152	94089	20.000	ng/u1	0.00
20) Naphthalene-d8	10.637	136	407468	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.485	164	382435	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.235	188	1131339	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.489	240	1168006	20.000	ng/u1	# 0.00
88) Perylene-d12	24.532	264	1323187	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	13584	8.323	ng/uL	0.00
4) Pyridine-d5	3.721	84	101126	25.340	ng/u1	0.00
7) Phenol-d5	7.018	99	131358	22.603	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.182	67	52470	23.111	ng/u1	0.00
11) 2-Chlorophenol-d4	7.382	132	131134	22.965	ng/u1	0.00
15) 4-Methylphenol-d8	8.557	113	124442	23.720	ng/u1	0.00
21) Nitrobenzene-d5	9.004	128	63460	21.180	ng/u1	0.00
24) 2-Nitrophenol-d4	9.726	143	80837	21.125	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.267	165	171055	21.418	ng/u1	0.00
31) 4-Chloroaniline-d4	10.778	131	198628m	21.195	ng/u1	0.00
46) Dimethylphthalate-d6	13.892	166	610693	20.084	ng/u1	0.00
49) Acenaphthylene-d8	14.180	160	649137	20.145	ng/u1	0.00
54) 4-Nitrophenol-d4	14.691	143	97753	21.316	ng/u1	0.00
60) Fluorene-d10	15.478	176	572501	20.548	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.602	200	139178	17.604	ng/u1	0.00
73) Anthracene-d10	17.335	188	1080994m	19.916	ng/u1	0.00
81) Pyrene-d10	19.632	212	1359629	20.673	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.321	264	1418344	20.014	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.351	88	15496	8.043	ng/uL	95
5) Pyridine	3.739	79	95027	24.190	ng/u1	89
6) Benzaldehyde	6.988	77	71303	26.418	ng/u1	93
8) Phenol	7.047	94	133982	22.912	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.270	93	85450	23.484	ng/u1	98
12) 2-Chlorophenol	7.411	128	126322	22.788	ng/u1	91
13) 2-Methylphenol	8.293	108	116618	22.686	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.369	45	68656	24.768	ng/u1	92
16) Acetophenone	8.663	105	185257	22.707	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.651	70	73876	22.144	ng/u1	94
18) 4-Methylphenol	8.622	108	130950	23.255	ng/u1	100
19) Hexachloroethane	8.927	117	46022	20.978	ng/u1#	90
22) Nitrobenzene	9.045	77	112257	19.846	ng/u1	89
23) Isophorone	9.568	82	229890	21.046	ng/u1	98
25) 2-Nitrophenol	9.756	139	80735	20.621	ng/u1#	92
26) 2,4-Dimethylphenol	9.814	107	144014	20.439	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.049	93	122788	21.507	ng/u1	100
29) 2,4-Dichlorophenol	10.290	162	160152	20.953	ng/u1	99
30) Naphthalene	10.690	128	429671	20.746	ng/u1	98
32) 4-Chloroaniline	10.796	127	175653	20.383	ng/u1	90
33) Hexachlorobutadiene	10.978	225	146273	19.680	ng/u1	99
34) Caprolactam	11.542	113	49132m	22.983	ng/u1	
35) 4-Chloro-3-methylphenol	11.930	107	153651	22.876	ng/u1	97
36) 2-Methylnaphthalene	12.300	142	348472	20.742	ng/u1	97

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37) 1-Methylnaphthalene	12.523	142	349308	20.570	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.670	216	293891	19.782	ng/ul#	96
40) Hexachlorocyclopentadiene	12.652	237	136086	16.119	ng/ul	95
41) 2,4,6-Trichlorophenol	12.917	196	176155	20.612	ng/ul	98
42) 2,4,5-Trichlorophenol	12.987	196	200174	21.312	ng/ul	93
43) 1,1'-Biphenyl	13.316	154	503612	19.889	ng/ul#	98
44) 2-Chloronaphthalene	13.357	162	412814	20.247	ng/ul	96
45) 2-Nitroaniline	13.557	65	82304	22.429	ng/ul	79
47) Dimethylphthalate	13.939	163	597889	20.503	ng/ul	98
48) 2,6-Dinitrotoluene	14.062	165	131676	21.929	ng/ul	93
50) Acenaphthylene	14.203	152	657291	20.355	ng/ul	99
51) 3-Nitroaniline	14.391	138	125293	24.723	ng/ul#	97
52) Acenaphthene	14.550	153	464732	20.662	ng/ul	98
53) 2,4-Dinitrophenol	14.597	184	86803	20.449	ng/ul	91
55) 4-Nitrophenol	14.709	109	101017	18.197	ng/ul	90
56) Dibenzofuran	14.885	168	757323	21.043	ng/ul	100
57) 2,4-Dinitrotoluene	14.850	165	200585	20.967	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.114	232	205606	20.488	ng/ul	96
59) Diethylphthalate	15.308	149	605556	20.990	ng/ul	95
61) Fluorene	15.537	166	621769	20.964	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.525	204	380068	20.394	ng/ul	98
63) 4-Nitroaniline	15.555	138	125817	22.894	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.619	198	146847	17.518	ng/ul	98
67) N-Nitrosodiphenylamine	15.743	169	574758	20.379	ng/ul	99
68) 4-Bromophenyl-phenylether	16.424	248	282600	20.354	ng/ul	95
69) Hexachlorobenzene	16.542	284	307904	19.904	ng/ul	96
70) Atrazine	16.695	200	274018	19.759	ng/ul	98
71) Pentachlorophenol	16.888	266	145401m	15.105	ng/ul	
72) Phenanthrene	17.276	178	1170597	20.072	ng/ul	98
74) Anthracene	17.370	178	1197586	19.969	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.281	216	299618	18.559	ng/ul	96
76) Pentachlorobenzene	14.809	250	346258	19.685	ng/ul	94
77) Carbazole	17.640	167	986207	20.549	ng/ul	97
78) Di-n-butylphthalate	18.205	149	1047088	20.089	ng/ul	98
80) Fluoranthene	19.297	202	1526423	20.706	ng/ul#	99
82) Pyrene	19.662	202	1612068	20.877	ng/ul#	98
83) Butylbenzylphthalate	20.555	149	458142	21.495	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.389	252	583261	21.127	ng/ul	97
85) Benzo(a)anthracene	21.471	228	1646523	20.297	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.389	149	647061	21.231	ng/ul	97
87) Chrysene	21.536	228	1527334	20.282	ng/ul	99
89) Di-n-octyl phthalate	22.535	149	1106963	22.063	ng/ul	100
90) Benzo(b)fluoranthene	23.569	252	1628942m	19.796	ng/ul	
91) Benzo(k)fluoranthene	23.633	252	1661459	20.325	ng/ul	99
93) Benzo(a)pyrene	24.391	252	1529708	20.311	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	27.958	276	1913335	20.635	ng/ul#	93
95) Dibenzo(a,h)anthracene	28.017	278	1590307	21.046	ng/ul	98
96) Benzo(g,h,i)perylene	29.033	276	1454019	20.705	ng/ul	97

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

