

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
 Data File : BG063028.D
 Acq On : 25 Sep 2024 11:18
 Operator : RC/JU
 Sample : SSTD04067
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD040406

Quant Time: Sep 25 12:56:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 25 12:42:25 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

09/26/2024
 Supervised By :mohammad
 ahmed

09/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.848	152	74727	20.000	ng/u1	0.00
20) Naphthalene-d8	10.639	136	288464	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.487	164	258651	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.237	188	725636	20.000	ng/u1	0.00
79) Chrysene-d12	21.491	240	827424	20.000	ng/u1	0.00
88) Perylene-d12	24.528	264	937544	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	19340	12.183	ng/uL	0.00
4) Pyridine-d5	3.723	84	124377	24.876	ng/u1	0.00
7) Phenol-d5	7.019	99	181790	29.361	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.178	67	74712	21.290	ng/u1	0.00
11) 2-Chlorophenol-d4	7.384	132	181598	38.380	ng/u1	0.00
15) 4-Methylphenol-d8	8.559	113	170452	32.556	ng/u1	0.00
21) Nitrobenzene-d5	9.005	128	89224	43.581	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	117683	50.458	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.262	165	241561	48.237	ng/u1	0.00
31) 4-Chloroaniline-d4	10.774	131	264955	39.397	ng/u1	0.00
46) Dimethylphthalate-d6	13.894	166	833820	41.799	ng/u1	0.00
49) Acenaphthylene-d8	14.176	160	887962	40.654	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	131377	38.996	ng/u1	0.00
60) Fluorene-d10	15.480	176	737703	40.941	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	209501	47.984	ng/u1	0.00
73) Anthracene-d10	17.337	188	1395027	40.967	ng/u1	0.00
81) Pyrene-d10	19.634	212	1858905	40.386	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.317	264	2009435	40.684	ng/u1	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.353	88	19046	10.460	ng/uL# 84
5) Pyridine	3.741	79	119025	23.254	ng/u1 88
6) Benzaldehyde	6.990	77	98244	30.527	ng/u1 91
8) Phenol	7.049	94	186440	29.004	ng/u1# 93
10) Bis(2-Chloroethyl)ether	7.272	93	121249	25.832	ng/u1 97
12) 2-Chlorophenol	7.419	128	182117	38.221	ng/u1 93
13) 2-Methylphenol	8.294	108	167139	34.094	ng/u1 98
14) 2,2'-oxybis(1-Chloropr...	8.365	45	87561	11.123	ng/u1 93
16) Acetophenone	8.670	105	257441	30.826	ng/u1 96
17) N-Nitroso-di-n-propyla...	8.653	70	103482	24.516	ng/u1# 92
18) 4-Methylphenol	8.623	108	176140	31.917	ng/u1 99
19) Hexachloroethane	8.929	117	70420	36.695	ng/u1 86
22) Nitrobenzene	9.046	77	166622	31.962	ng/u1 90
23) Isophorone	9.569	82	327555	30.935	ng/u1 96
25) 2-Nitrophenol	9.757	139	117986	47.109	ng/u1# 91
26) 2,4-Dimethylphenol	9.822	107	204851	39.196	ng/u1 98
27) Bis(2-Chloroethoxy)met...	10.051	93	160959	27.513	ng/u1# 90
29) 2,4-Dichlorophenol	10.292	162	228809	46.591	ng/u1 95
30) Naphthalene	10.691	128	604889	39.937	ng/u1 100
32) 4-Chloroaniline	10.797	127	245957	37.562	ng/u1 95
33) Hexachlorobutadiene	10.979	225	225165	53.401	ng/u1 94
34) Caprolactam	11.555	113	63340m	36.242	ng/u1
35) 4-Chloro-3-methylphenol	11.931	107	196367	37.801	ng/u1 98
36) 2-Methylnaphthalene	12.301	142	494765	43.299	ng/u1 91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.519	142	488334	41.934	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.671	216	415764	46.067	ng/ul	98
40) Hexachlorocyclopentadiene	12.654	237	246176	53.068	ng/ul	100
41) 2,4,6-Trichlorophenol	12.912	196	244946	45.187	ng/ul	95
42) 2,4,5-Trichlorophenol	12.989	196	267154	45.725	ng/ul	94
43) 1,1'-Biphenyl	13.318	154	700805	39.322	ng/ul	99
44) 2-Chloronaphthalene	13.359	162	574676	39.636	ng/ul	98
45) 2-Nitroaniline	13.559	65	108197	28.911	ng/ul	91
47) Dimethylphthalate	13.941	163	798830	39.337	ng/ul	98
48) 2,6-Dinitrotoluene	14.058	165	175546	48.089	ng/ul	99
50) Acenaphthylene	14.205	152	880906	38.513	ng/ul	96
51) 3-Nitroaniline	14.387	138	142438	39.720	ng/ul	92
52) Acenaphthene	14.552	153	621249	38.304	ng/ul	96
53) 2,4-Dinitrophenol	14.599	184	118310	46.718	ng/ul	98
55) 4-Nitrophenol	14.710	109	155558	48.434	ng/ul	96
56) Dibenzofuran	14.886	168	995951	40.964	ng/ul	95
57) 2,4-Dinitrotoluene	14.851	165	261748	45.444	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.116	232	274350	45.635	ng/ul#	97
59) Diethylphthalate	15.310	149	767098	38.240	ng/ul	99
61) Fluorene	15.539	166	808877	41.912	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.533	204	508861	44.422	ng/ul	97
63) 4-Nitroaniline	15.562	138	158834	40.812	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.615	198	222590	49.361	ng/ul	94
67) N-Nitrosodiphenylamine	15.744	169	733850	40.279	ng/ul	99
68) 4-Bromophenyl-phenylether	16.426	248	364649	43.368	ng/ul	93
69) Hexachlorobenzene	16.543	284	405395	42.612	ng/ul	98
70) Atrazine	16.696	200	359301	42.658	ng/ul	99
71) Pentachlorophenol	16.890	266	255760	44.457	ng/ul#	84
72) Phenanthrene	17.278	178	1487058	39.816	ng/ul	99
74) Anthracene	17.372	178	1532279	40.193	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.282	216	426840	43.421	ng/ul	92
76) Pentachlorobenzene	14.804	250	466011	42.919	ng/ul	96
77) Carbazole	17.642	167	1274363	40.350	ng/ul	98
78) Di-n-butylphthalate	18.206	149	1353037	36.814	ng/ul	98
80) Fluoranthene	19.299	202	2110527	41.321	ng/ul	99
82) Pyrene	19.663	202	2186846	40.003	ng/ul	99
83) Butylbenzylphthalate	20.556	149	612742	38.149	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.391	252	847110	48.248	ng/ul	94
85) Benzo(a)anthracene	21.467	228	2306214	40.433	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.385	149	881049	37.536	ng/ul	94
87) Chrysene	21.532	228	2136051	39.579	ng/ul	97
89) Di-n-octyl phthalate	22.536	149	1487891	35.371	ng/ul	100
90) Benzo(b)fluoranthene	23.570	252	2383187	41.426	ng/ul	99
91) Benzo(k)fluoranthene	23.629	252	2326393	39.524	ng/ul	99
93) Benzo(a)pyrene	24.387	252	2175344	40.089	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.959	276	2671923	40.050	ng/ul	96
95) Dibenzo(a,h)anthracene	28.012	278	2155327	40.256	ng/ul	98
96) Benzo(g,h,i)perylene	29.023	276	2001989	38.992	ng/ul	100

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

