

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081324\
 Data File : BG062388.D
 Acq On : 13 Aug 2024 16:54
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020454

Quant Time: Aug 14 03:18:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 01:00:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	56971	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	259357	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.577	164	195878	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.314	188	422014	20.000	ng/u1	0.00
79) Chrysene-d12	21.555	240	409531	20.000	ng/u1	0.00
88) Perylene-d12	24.639	264	463727	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.421	96	10394	7.867	ng/uL	0.00
4) Pyridine-d5	3.826	84	75178	18.086	ng/u1	0.00
7) Phenol-d5	7.116	99	103633	19.058	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	61270	18.304	ng/u1	0.00
11) 2-Chlorophenol-d4	7.486	132	74419	19.102	ng/u1	0.00
15) 4-Methylphenol-d8	8.655	113	82245	18.158	ng/u1	0.00
21) Nitrobenzene-d5	9.108	128	36546	22.852	ng/u1	0.00
24) 2-Nitrophenol-d4	9.824	143	40999	27.252	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.365	165	87009	19.913	ng/u1	0.00
31) 4-Chloroaniline-d4	10.876	131	111589	17.608	ng/u1	0.00
46) Dimethylphthalate-d6	13.983	166	256019	16.941	ng/u1	0.00
49) Acenaphthylene-d8	14.265	160	300617	17.544	ng/u1	0.00
54) 4-Nitrophenol-d4	14.759	143	44111	20.849	ng/u1	0.00
60) Fluorene-d10	15.563	176	237280	17.492	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	37638	30.115	ng/u1	0.00
73) Anthracene-d10	17.414	188	366479	18.005	ng/u1	0.00
81) Pyrene-d10	19.693	212	445913	18.319	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.428	264	443932	17.908	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.456	88	10266	6.882	ng/uL	94
5) Pyridine	3.844	79	79829	18.477	ng/u1	97
6) Benzaldehyde	7.093	77	61914m	21.545	ng/u1	
8) Phenol	7.140	94	107637	18.759	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.375	93	74404	17.498	ng/u1	97
12) 2-Chlorophenol	7.521	128	78952	19.074	ng/u1	96
13) 2-Methylphenol	8.391	108	80478	18.602	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.473	45	154536	17.787	ng/u1	100
16) Acetophenone	8.773	105	127525	17.680	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.755	70	65886	17.188	ng/u1	97
18) 4-Methylphenol	8.714	108	89423	18.457	ng/u1	98
19) Hexachloroethane	9.037	117	30572	19.874	ng/u1	97
22) Nitrobenzene	9.149	77	95329	20.961	ng/u1	95
23) Isophorone	9.671	82	187562	17.144	ng/u1	98
25) 2-Nitrophenol	9.859	139	44692	24.491	ng/u1	92
26) 2,4-Dimethylphenol	9.918	107	90806	17.385	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.153	93	110160	17.854	ng/u1	99
29) 2,4-Dichlorophenol	10.394	162	88771	20.045	ng/u1	95
30) Naphthalene	10.799	128	268932	18.242	ng/u1	99
32) 4-Chloroaniline	10.899	127	109187	17.627	ng/u1	98
33) Hexachlorobutadiene	11.087	225	62483	18.642	ng/u1	99
34) Caprolactam	11.651	113	27350	17.656	ng/u1	93
35) 4-Chloro-3-methylphenol	12.021	107	97569	19.634	ng/u1	98
36) 2-Methylnaphthalene	12.403	142	195942	19.292	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.620	142	196430	18.667	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.767	216	121567	19.009	ng/ul	98
40) Hexachlorocyclopentadiene	12.756	237	48167	19.381	ng/ul	95
41) 2,4,6-Trichlorophenol	13.008	196	78782	21.240	ng/ul	98
42) 2,4,5-Trichlorophenol	13.079	196	85222	21.325	ng/ul	96
43) 1,1'-Biphenyl	13.408	154	272114	18.336	ng/ul	97
44) 2-Chloronaphthalene	13.449	162	213839	18.544	ng/ul	98
45) 2-Nitroaniline	13.648	65	64140	21.838	ng/ul	91
47) Dimethylphthalate	14.030	163	262143	17.290	ng/ul	99
48) 2,6-Dinitrotoluene	14.142	165	48381	23.372	ng/ul	94
50) Acenaphthylene	14.295	152	322236	17.649	ng/ul	98
51) 3-Nitroaniline	14.471	138	50141	21.277	ng/ul#	91
52) Acenaphthene	14.635	153	243171	17.889	ng/ul	98
53) 2,4-Dinitrophenol	14.671	184	25405	30.866	ng/ul#	87
55) 4-Nitrophenol	14.770	109	37407	19.765	ng/ul	98
56) Dibenzofuran	14.970	168	338329	18.017	ng/ul	99
57) 2,4-Dinitrotoluene	14.929	165	71738	25.264	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.193	232	73897	20.535	ng/ul	95
59) Diethylphthalate	15.393	149	258760	16.902	ng/ul	99
61) Fluorene	15.622	166	262139	17.853	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.616	204	136202	17.992	ng/ul	95
63) 4-Nitroaniline	15.628	138	48364	21.296	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.687	198	42864	29.765	ng/ul	97
67) N-Nitrosodiphenylamine	15.828	169	227807	18.014	ng/ul	96
68) 4-Bromophenyl-phenylether	16.509	248	89178	18.547	ng/ul	95
69) Hexachlorobenzene	16.621	284	102926	18.401	ng/ul	99
70) Atrazine	16.774	200	89177	18.407	ng/ul	97
71) Pentachlorophenol	16.962	266	66732	22.657	ng/ul	98
72) Phenanthrene	17.355	178	427912	18.015	ng/ul	98
74) Anthracene	17.449	178	440361	18.064	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.372	216	125376	19.836	ng/ul	97
76) Pentachlorobenzene	14.894	250	124524	18.832	ng/ul	96
77) Carbazole	17.714	167	364537	18.233	ng/ul	100
78) Di-n-butylphthalate	18.283	149	438267	18.423	ng/ul	99
80) Fluoranthene	19.364	202	507394	18.435	ng/ul	98
82) Pyrene	19.723	202	539921	18.421	ng/ul	99
83) Butylbenzylphthalate	20.615	149	201045	19.874	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.456	252	177697	19.276	ng/ul	100
85) Benzo(a)anthracene	21.538	228	539575	17.991	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.467	149	292265	18.720	ng/ul	97
87) Chrysene	21.596	228	500966	17.694	ng/ul	99
89) Di-n-octyl phthalate	22.636	149	507338	19.206	ng/ul	100
90) Benzo(b)fluoranthene	23.664	252	522657	18.528	ng/ul	99
91) Benzo(k)fluoranthene	23.729	252	508561	17.721	ng/ul	99
93) Benzo(a)pyrene	24.498	252	469509	17.590	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.129	276	615324	17.790	ng/ul	97
95) Dibenzo(a,h)anthracene	28.193	278	497939	17.626	ng/ul	98
96) Benzo(g,h,i)perylene	29.216	276	472095	17.974	ng/ul	100

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

