

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
 Data File : BG063733.D
 Acq On : 18 Dec 2024 19:23
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020572

Quant Time: Dec 19 00:10:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/21/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.801	152	114592	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.592	136	472077	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.441	164	371505	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.196	188	950032	20.000	ng/u1	-0.01
79) Chrysene-d12	21.444	240	990541	20.000	ng/u1	-0.02
88) Perylene-d12	24.458	264	1039141	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.266	96	21379	7.311	ng/uL	-0.01
4) Pyridine-d5	3.671	84	164399	17.822	ng/u1	-0.02
7) Phenol-d5	6.991	99	202212	19.160	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.132	67	136250	18.692	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.343	132	132683	19.419	ng/u1	0.00
15) 4-Methylphenol-d8	8.524	113	158038	19.287	ng/u1	0.00
21) Nitrobenzene-d5	8.953	128	72506	21.511	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.682	143	78855	20.870	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.228	165	154867	21.170	ng/u1	0.00
31) 4-Chloroaniline-d4	10.733	131	203256	21.883	ng/u1	-0.01
46) Dimethylphthalate-d6	13.847	166	522938	20.686	ng/u1	-0.01
49) Acenaphthylene-d8	14.135	160	612187	21.244	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.676	143	82879	23.139	ng/u1	0.00
60) Fluorene-d10	15.440	176	498227	22.291	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.575	200	95155	19.291	ng/u1	0.00
73) Anthracene-d10	17.296	188	905021	22.157	ng/u1	-0.01
81) Pyrene-d10	19.593	212	1073374	20.824	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.247	264	1027972	21.066	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.301	88	25946	7.498	ng/uL	99
5) Pyridine	3.689	79	183855	18.608	ng/u1	94
6) Benzaldehyde	6.944	77	146791	22.675	ng/u1	89
8) Phenol	7.014	94	221111	19.658	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.226	93	163866	19.041	ng/u1	97
12) 2-Chlorophenol	7.372	128	145381	21.020	ng/u1	94
13) 2-Methylphenol	8.260	108	153371	18.866	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.318	45	242662	18.994	ng/u1	97
16) Acetophenone	8.618	105	273865	19.705	ng/u1#	90
17) N-Nitroso-di-n-propyla...	8.600	70	155905	18.800	ng/u1	95
18) 4-Methylphenol	8.583	108	178899	20.107	ng/u1	100
19) Hexachloroethane	8.877	117	61766	18.175	ng/u1	98
22) Nitrobenzene	9.000	77	218236	19.389	ng/u1	97
23) Isophorone	9.517	82	421618	19.825	ng/u1	97
25) 2-Nitrophenol	9.711	139	85928	22.129	ng/u1	91
26) 2,4-Dimethylphenol	9.781	107	186457	21.161	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.005	93	226143	19.660	ng/u1#	95
29) 2,4-Dichlorophenol	10.251	162	155329	21.370	ng/u1	95
30) Naphthalene	10.639	128	483335	20.478	ng/u1	98
32) 4-Chloroaniline	10.757	127	196259	22.208	ng/u1	96
33) Hexachlorobutadiene	10.927	225	111722	18.919	ng/u1	96
34) Caprolactam	11.497	113	62028m	24.687	ng/u1	
35) 4-Chloro-3-methylphenol	11.902	107	186548	21.861	ng/u1	95
36) 2-Methylnaphthalene	12.255	142	357567	21.079	ng/u1	95

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37) 1-Methylnaphthalene	12.478	142	368288	21.314	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.631	216	220359	18.529	ng/ul	98
40) Hexachlorocyclopentadiene	12.608	237	87677	18.649	ng/ul	93
41) 2,4,6-Trichlorophenol	12.878	196	142657	21.223	ng/ul	94
42) 2,4,5-Trichlorophenol	12.960	196	149276	21.279	ng/ul	98
43) 1,1'-Biphenyl	13.271	154	503140	20.536	ng/ul	93
44) 2-Chloronaphthalene	13.313	162	398786	20.270	ng/ul	97
45) 2-Nitroaniline	13.524	65	147976	22.454	ng/ul	92
47) Dimethylphthalate	13.894	163	530298	20.931	ng/ul	99
48) 2,6-Dinitrotoluene	14.024	165	104683	22.248	ng/ul	92
50) Acenaphthylene	14.165	152	658102	21.299	ng/ul	98
51) 3-Nitroaniline	14.353	138	112079	25.764	ng/ul	99
52) Acenaphthene	14.505	153	462205	21.105	ng/ul	98
53) 2,4-Dinitrophenol	14.582	184	42918m	17.848	ng/ul	
55) 4-Nitrophenol	14.687	109	69921	18.800	ng/ul	93
56) Dibenzofuran	14.846	168	681613	22.076	ng/ul	94
57) 2,4-Dinitrotoluene	14.817	165	170336	24.363	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.081	232	132603	21.929	ng/ul	96
59) Diethylphthalate	15.263	149	558994	22.823	ng/ul	100
61) Fluorene	15.492	166	565534	22.938	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.486	204	298792	21.753	ng/ul	99
63) 4-Nitroaniline	15.522	138	117679	27.020	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.586	198	102099	20.092	ng/ul#	94
67) N-Nitrosodiphenylamine	15.704	169	498318	21.661	ng/ul	96
68) 4-Bromophenyl-phenylether	16.385	248	200747	20.734	ng/ul	97
69) Hexachlorobenzene	16.509	284	228146	21.032	ng/ul	96
70) Atrazine	16.656	200	222855	22.916	ng/ul	97
71) Pentachlorophenol	16.861	266	81951m	17.918	ng/ul	
72) Phenanthrene	17.237	178	1022672	22.338	ng/ul	99
74) Anthracene	17.326	178	1050952	22.680	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.242	216	220632	17.406	ng/ul	97
76) Pentachlorobenzene	14.770	250	238333	18.980	ng/ul	97
77) Carbazole	17.602	167	911468	24.300	ng/ul	97
78) Di-n-butylphthalate	18.160	149	1089733	24.057	ng/ul	99
80) Fluoranthene	19.259	202	1262697	21.553	ng/ul	98
82) Pyrene	19.623	202	1332652	21.380	ng/ul	95
83) Butylbenzylphthalate	20.516	149	475738	24.864	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.344	252	416256	23.279	ng/ul	95
85) Benzo(a)anthracene	21.427	228	1272005	20.490	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.338	149	695818	24.999	ng/ul	100
87) Chrysene	21.485	228	1209866	20.449	ng/ul	98
89) Di-n-octyl phthalate	22.467	149	1184209	26.403	ng/ul	100
90) Benzo(b)fluoranthene	23.507	252	1235213	20.915	ng/ul	99
91) Benzo(k)fluoranthene	23.565	252	1281307	21.749	ng/ul	98
93) Benzo(a)pyrene	24.317	252	1166855	21.049	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.860	276	1469074	21.700	ng/ul	99
95) Dibenzo(a,h)anthracene	27.907	278	1184188	21.860	ng/ul	97
96) Benzo(g,h,i)perylene	28.918	276	1138766	21.198	ng/ul	96

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

