

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120821\
 Data File : BG051413.D
 Acq On : 8 Dec 2021 19:04
 Operator : CG/JU
 Sample : SSTD02030
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020430

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021

Supervised By :Yogesh Patel 12/16/2021

Quant Time: Dec 09 02:16:27 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Dec 09 02:14:28 2021

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.189	152	23514	20.000	ng/u1	0.00
20) Naphthalene-d8	11.015	136	104901	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.822	164	69412	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.572	188	157622	20.000	ng/u1	0.00
79) Chrysene-d12	21.873	240	143719	20.000	ng/u1	0.00
88) Perylene-d12	25.274	264	141854	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	5559	8.215	ng/uL	0.00
4) Pyridine-d5	3.964	84	38396	19.338	ng/u1	0.00
7) Phenol-d5	7.354	99	43825	18.858	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.501	67	28625	19.612	ng/u1	0.00
11) 2-Chlorophenol-d4	7.724	132	31434	18.784	ng/u1	0.00
15) 4-Methylphenol-d8	8.911	113	34495	18.394	ng/u1	0.00
21) Nitrobenzene-d5	9.370	128	16789	18.960	ng/u1	0.00
24) 2-Nitrophenol-d4	10.098	143	19584	19.606	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.650	165	32220	19.011	ng/u1	0.00
31) 4-Chloroaniline-d4	11.162	131	45833	18.482	ng/u1	0.00
46) Dimethylphthalate-d6	14.217	166	101551	19.014	ng/u1	0.00
49) Acenaphthylene-d8	14.516	160	131582	19.538	ng/u1	0.00
54) 4-Nitrophenol-d4	15.063	143	13995	16.188	ng/u1	0.00
60) Fluorene-d10	15.809	176	91579	19.041	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.950	200	16809	17.282	ng/u1	0.00
73) Anthracene-d10	17.672	188	143933	19.093	ng/u1	0.00
81) Pyrene-d10	19.951	212	171554	19.728	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.034	264	142153	18.764	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.565	88	6194	8.117	ng/uL	92
5) Pyridine	3.988	79	40196	19.455	ng/u1	94
6) Benzaldehyde	7.325	77	32702	22.096	ng/u1	88
8) Phenol	7.384	94	45625	18.951	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.595	93	34815	19.115	ng/u1	96
12) 2-Chlorophenol	7.754	128	32662	19.153	ng/u1	97
13) 2-Methylphenol	8.641	108	33069	18.441	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.712	45	53790	20.466	ng/u1	97
16) Acetophenone	9.023	105	55995	19.304	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.994	70	33520	20.109	ng/u1	95
18) 4-Methylphenol	8.976	108	34695	18.093	ng/u1	98
19) Hexachloroethane	9.270	117	14547	20.195	ng/u1	97
22) Nitrobenzene	9.411	77	47007	20.245	ng/u1	98
23) Isophorone	9.928	82	90560	20.075	ng/u1	99
25) 2-Nitrophenol	10.128	139	19266	18.621	ng/u1	95
26) 2,4-Dimethylphenol	10.180	107	41302	19.525	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.404	93	49363	19.822	ng/u1	98
29) 2,4-Dichlorophenol	10.674	162	30911	18.528	ng/u1	97
30) Naphthalene	11.068	128	109454	19.176	ng/u1	97
32) 4-Chloroaniline	11.179	127	45882	18.430	ng/u1	99
33) Hexachlorobutadiene	11.326	225	20727	18.012	ng/u1	99
34) Caprolactam	11.955	113	12441	18.969	ng/u1	95
35) 4-Chloro-3-methylphenol	12.307	107	37915	18.919	ng/u1	94
36) 2-Methylnaphthalene	12.660	142	72380	18.643	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.877	142	75147	18.814	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	13.024	216	41050	18.838	ng/ul	99
40) Hexachlorocyclopentadiene	12.989	237	14262	16.192	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.271	196	26976	19.727	ng/ul	98
42) 2,4,5-Trichlorophenol	13.359	196	27180	18.980	ng/ul	96
43) 1,1'-Biphenyl	13.653	154	100173	19.322	ng/ul	98
44) 2-Chloronaphthalene	13.706	162	78424	19.016	ng/ul	99
45) 2-Nitroaniline	13.917	65	29301	20.529	ng/ul	96
47) Dimethylphthalate	14.264	163	102938	19.041	ng/ul	98
48) 2,6-Dinitrotoluene	14.405	165	21289	18.748	ng/ul	91
50) Acenaphthylene	14.552	152	128498	19.312	ng/ul	97
51) 3-Nitroaniline	14.746	138	22237	19.811	ng/ul	99
52) Acenaphthene	14.887	153	84320	19.215	ng/ul	97
53) 2,4-Dinitrophenol	14.975	184	7290m	11.614	ng/ul	
55) 4-Nitrophenol	15.081	109	15384m	20.513	ng/ul	
56) Dibenzofuran	15.222	168	119511	18.882	ng/ul	100
57) 2,4-Dinitrotoluene	15.198	165	30837	19.013	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.457	232	21410	19.039	ng/ul	98
59) Diethylphthalate	15.615	149	109686	19.330	ng/ul	99
61) Fluorene	15.868	166	96027	18.941	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.850	204	49794	18.225	ng/ul	96
63) 4-Nitroaniline	15.909	138	19683	18.020	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.968	198	16727	17.832	ng/ul	96
67) N-Nitrosodiphenylamine	16.068	169	85183	18.877	ng/ul	97
68) 4-Bromophenyl-phenylether	16.743	248	30682	18.162	ng/ul	97
69) Hexachlorobenzene	16.873	284	30921	17.950	ng/ul	96
70) Atrazine	17.008	200	37185	19.608	ng/ul	99
71) Pentachlorophenol	17.237	266	10525m	13.789	ng/ul	
72) Phenanthrene	17.613	178	165378	19.003	ng/ul	100
74) Anthracene	17.707	178	166653	19.281	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.629	216	42827	18.628	ng/ul	99
76) Pentachlorobenzene	15.139	250	38874	18.147	ng/ul	98
77) Carbazole	17.983	167	151131	19.920	ng/ul	99
78) Di-n-butylphthalate	18.500	149	197286	20.167	ng/ul	99
80) Fluoranthene	19.616	202	207617	19.438	ng/ul	99
82) Pyrene	19.981	202	206243	19.740	ng/ul	98
83) Butylbenzylphthalate	20.838	149	88853	20.456	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.761	252	64474	19.268	ng/ul	99
85) Benzo(a)anthracene	21.855	228	186483	19.131	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.708	149	122963	19.673	ng/ul	98
87) Chrysene	21.925	228	177877	18.995	ng/ul	99
89) Di-n-octyl phthalate	22.965	149	209728	20.408	ng/ul	100
90) Benzo(b)fluoranthene	24.182	252	182931	19.109	ng/ul	99
91) Benzo(k)fluoranthene	24.258	252	169078	18.821	ng/ul	99
93) Benzo(a)pyrene	25.116	252	174105	19.063	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.199	276	190097	18.600	ng/ul	99
95) Dibenzo(a,h)anthracene	29.246	278	162630	18.757	ng/ul	99
96) Benzo(g,h,i)perylene	30.416	276	161669m	18.801	ng/ul	

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

