

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
 Data File : BG050975.D
 Acq On : 11 Nov 2021 20:27
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020549

Quant Time: Nov 12 01:54:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 11 12:40:48 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/12/2021
 Supervised By :mohammad ahmed 11/17/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	35562	20.000	ng/u1	0.00
20) Naphthalene-d8	11.056	136	161770	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.851	164	108303	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.595	188	237570	20.000	ng/u1	0.00
79) Chrysene-d12	21.896	240	200801	20.000	ng/u1	0.00
88) Perylene-d12	25.292	264	197588	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.594	96	8410	7.633	ng/uL	0.00
4) Pyridine-d5	4.023	84	61237	18.578	ng/u1	0.01
7) Phenol-d5	7.372	99	69258	18.255	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	45050	18.382	ng/u1	0.00
11) 2-Chlorophenol-d4	7.754	132	49298	18.750	ng/u1	0.00
15) 4-Methylphenol-d8	8.929	113	55593	18.614	ng/u1	0.00
21) Nitrobenzene-d5	9.405	128	26190	19.051	ng/u1	0.00
24) 2-Nitrophenol-d4	10.128	143	29929	19.580	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.668	165	50354	19.556	ng/u1	0.00
31) 4-Chloroaniline-d4	11.185	131	73334	18.807	ng/u1	0.00
46) Dimethylphthalate-d6	14.246	166	161911	19.541	ng/u1	0.00
49) Acenaphthylene-d8	14.552	160	206548	20.008	ng/u1	0.00
54) 4-Nitrophenol-d4	15.039	143	27915	18.581	ng/u1	0.00
60) Fluorene-d10	15.838	176	140458	19.136	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	28074	19.491	ng/u1	0.00
73) Anthracene-d10	17.695	188	221032	19.679	ng/u1	0.00
81) Pyrene-d10	19.969	212	248509	19.161	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.057	264	206284	18.885	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.629	88	8898	7.352	ng/uL	96
5) Pyridine	4.041	79	64297	18.844	ng/u1	93
6) Benzaldehyde	7.366	77	54633	22.831	ng/u1	96
8) Phenol	7.401	94	73344	18.689	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.636	93	53957	18.368	ng/u1	99
12) 2-Chlorophenol	7.789	128	51031	19.116	ng/u1	98
13) 2-Methylphenol	8.665	108	54058	18.636	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.747	45	85162	18.405	ng/u1	100
16) Acetophenone	9.058	105	86824	18.713	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.035	70	52758	18.846	ng/u1	97
18) 4-Methylphenol	8.994	108	57221	18.526	ng/u1	98
19) Hexachloroethane	9.317	117	20514	18.379	ng/u1	95
22) Nitrobenzene	9.446	77	73971	19.293	ng/u1	98
23) Isophorone	9.969	82	143846	19.331	ng/u1	98
25) 2-Nitrophenol	10.157	139	30332	19.779	ng/u1	99
26) 2,4-Dimethylphenol	10.204	107	66413	19.678	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.439	93	77601	19.355	ng/u1	100
29) 2,4-Dichlorophenol	10.692	162	50259	20.011	ng/u1	98
30) Naphthalene	11.103	128	172231	19.470	ng/u1	99
32) 4-Chloroaniline	11.209	127	73759	19.050	ng/u1	96
33) Hexachlorobutadiene	11.379	225	32723	19.850	ng/u1	99
34) Caprolactam	11.984	113	19467	18.257	ng/u1	95
35) 4-Chloro-3-methylphenol	12.313	107	60223	18.770	ng/u1	96
36) 2-Methylnaphthalene	12.695	142	116966	19.409	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.913	142	120444	19.724	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.054	216	63731	20.196	ng/ul	98
40) Hexachlorocyclopentadiene	13.030	237	33821	22.318	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.289	196	42214	20.443	ng/ul	96
42) 2,4,5-Trichlorophenol	13.365	196	44618	20.126	ng/ul	98
43) 1,1'-Biphenyl	13.688	154	159159	20.105	ng/ul	98
44) 2-Chloronaphthalene	13.735	162	124601	20.086	ng/ul	98
45) 2-Nitroaniline	13.935	65	45380	18.412	ng/ul	93
47) Dimethylphthalate	14.293	163	161996	19.553	ng/ul	100
48) 2,6-Dinitrotoluene	14.422	165	33100	19.089	ng/ul	97
50) Acenaphthylene	14.575	152	208175	20.121	ng/ul	99
51) 3-Nitroaniline	14.757	138	35879	20.006	ng/ul	95
52) Acenaphthene	14.916	153	134571	19.781	ng/ul	99
53) 2,4-Dinitrophenol	14.969	184	26250	27.441	ng/ul	90
55) 4-Nitrophenol	15.057	109	25677	18.636	ng/ul	94
56) Dibenzofuran	15.251	168	190011	19.513	ng/ul	99
57) 2,4-Dinitrotoluene	15.210	165	47076	19.023	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.474	232	36117	20.731	ng/ul	95
59) Diethylphthalate	15.645	149	169126	19.071	ng/ul	99
61) Fluorene	15.897	166	151869	19.704	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.880	204	80752	20.120	ng/ul	96
63) 4-Nitroaniline	15.915	138	35984	20.225	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.974	198	26474	18.848	ng/ul#	97
67) N-Nitrosodiphenylamine	16.091	169	131838	19.853	ng/ul	99
68) 4-Bromophenyl-phenylether	16.779	248	47588	20.137	ng/ul	91
69) Hexachlorobenzene	16.896	284	49045	20.188	ng/ul	94
70) Atrazine	17.037	200	55051	19.549	ng/ul	99
71) Pentachlorophenol	17.243	266	30944m	27.743	ng/ul	
72) Phenanthrene	17.636	178	250795	19.777	ng/ul	100
74) Anthracene	17.730	178	247042	19.416	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.659	216	68448	21.160	ng/uL	98
76) Pentachlorobenzene	15.169	250	60883	20.313	ng/uL	98
77) Carbazole	18.001	167	228078	19.999	ng/ul	98
78) Di-n-butylphthalate	18.529	149	287659	19.196	ng/ul	99
80) Fluoranthene	19.640	202	299655	19.252	ng/ul	98
82) Pyrene	19.998	202	293663	19.309	ng/ul	99
83) Butylbenzylphthalate	20.862	149	124645	19.059	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.779	252	98795	20.203	ng/ul	98
85) Benzo(a)anthracene	21.873	228	262914	18.913	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.743	149	178242	18.987	ng/ul	97
87) Chrysene	21.943	228	255631	19.250	ng/ul	99
89) Di-n-octyl phthalate	23.007	149	303084	18.841	ng/ul	100
90) Benzo(b)fluoranthene	24.205	252	258726	18.381	ng/ul	99
91) Benzo(k)fluoranthene	24.276	252	252252	19.098	ng/ul	99
93) Benzo(a)pyrene	25.128	252	251074	18.728	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.188	276	275257	18.444	ng/ul	96
95) Dibenzo(a,h)anthracene	29.252	278	231985	18.372	ng/ul	99
96) Benzo(g,h,i)perylene	30.416	276	226127m	18.101	ng/ul	

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

