

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
 Data File : BG051795.D
 Acq On : 27 Dec 2021 9:45
 Operator : CG/JU
 Sample : SSTDCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020461

Quant Time: Dec 27 11:11:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 23 13:37:07 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/31/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	33344	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.113	136	132946	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.908	164	92387	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.657	188	224396	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.975	240	195819	20.000	ng/u1	#-0.01
88) Perylene-d12	25.476	264	191868	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.600	96	6603	8.224	ng/uL	0.00
4) Pyridine-d5	4.023	84	50719	20.908	ng/u1	-0.02
7) Phenol-d5	7.406	99	62538	21.006	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.577	67	37745	21.326	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.800	132	44988	21.727	ng/u1	-0.01
15) 4-Methylphenol-d8	8.969	113	46472	20.194	ng/u1	-0.01
21) Nitrobenzene-d5	9.445	128	20725	21.263	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.173	143	22380	21.004	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.719	165	49431	21.393	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.236	131	64329	21.145	ng/u1	0.00
46) Dimethylphthalate-d6	14.297	166	140870	19.050	ng/u1	-0.02
49) Acenaphthylene-d8	14.602	160	190918	20.789	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.078	143	21135	17.576	ng/u1	0.00
60) Fluorene-d10	15.895	176	134199	20.256	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	16.000	200	18705	15.999	ng/u1	-0.01
73) Anthracene-d10	17.751	188	217670	20.335	ng/u1	-0.01
81) Pyrene-d10	20.030	212	252126	21.393	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.229	264	214495	21.247	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.635	88	6717	8.016	ng/uL#	91
5) Pyridine	4.046	79	54278	22.303	ng/u1	94
6) Benzaldehyde	7.394	77	47592	25.622	ng/u1	97
8) Phenol	7.436	94	65331	22.069	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.671	93	46283	20.493	ng/u1	97
12) 2-Chlorophenol	7.829	128	45221	21.290	ng/u1	89
13) 2-Methylphenol	8.704	108	46377	20.763	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.804	45	66242	21.623	ng/u1#	93
16) Acetophenone	9.098	105	73875	20.436	ng/u1	93
17) N-Nitroso-di-n-propyla...	9.075	70	42352	19.526	ng/u1	96
18) 4-Methylphenol	9.033	108	49289	20.937	ng/u1	82
19) Hexachloroethane	9.380	117	18259	19.702	ng/u1#	75
22) Nitrobenzene	9.486	77	60022	21.171	ng/u1#	97
23) Isophorone	10.014	82	115930	20.368	ng/u1	99
25) 2-Nitrophenol	10.208	139	25216	22.140	ng/u1	94
26) 2,4-Dimethylphenol	10.255	107	56559	20.611	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.490	93	62205	20.582	ng/u1	99
29) 2,4-Dichlorophenol	10.749	162	47451	21.583	ng/u1	96
30) Naphthalene	11.166	128	150529	21.016	ng/u1	96
32) 4-Chloroaniline	11.260	127	65997	21.245	ng/u1	97
33) Hexachlorobutadiene	11.454	225	35493	19.016	ng/u1	98
34) Caprolactam	11.994	113	15493	23.276	ng/u1	96
35) 4-Chloro-3-methylphenol	12.364	107	51282	20.818	ng/u1	98
36) 2-Methylnaphthalene	12.752	142	108433	21.220	ng/u1	95

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37) 1-Methylnaphthalene	12.969	142	107827	20.323	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.116	216	66150	20.585	ng/ul	99
40) Hexachlorocyclopentadiene	13.098	237	34934	14.972	ng/ul	94
41) 2,4,6-Trichlorophenol	13.345	196	40659	20.901	ng/ul	95
42) 2,4,5-Trichlorophenol	13.422	196	45482	22.308	ng/ul	98
43) 1,1'-Biphenyl	13.745	154	147751	20.878	ng/ul#	96
44) 2-Chloronaphthalene	13.792	162	117932	21.555	ng/ul	99
45) 2-Nitroaniline	13.980	65	38474	23.019	ng/ul	90
47) Dimethylphthalate	14.344	163	142459	19.844	ng/ul	99
48) 2,6-Dinitrotoluene	14.467	165	28959	21.101	ng/ul	97
50) Acenaphthylene	14.632	152	189141	21.050	ng/ul	98
51) 3-Nitroaniline	14.796	138	30810	23.478	ng/ul	88
52) Acenaphthene	14.972	153	123142	20.745	ng/ul	96
53) 2,4-Dinitrophenol	15.002	184	14543	18.331	ng/ul#	82
55) 4-Nitrophenol	15.090	109	22388	17.353	ng/ul	93
56) Dibenzofuran	15.307	168	178378	20.405	ng/ul	98
57) 2,4-Dinitrotoluene	15.249	165	43032	22.123	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.525	232	37332	19.267	ng/ul#	88
59) Diethylphthalate	15.701	149	145563	19.464	ng/ul	98
61) Fluorene	15.953	166	150008	20.825	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.936	204	81209	20.241	ng/ul	94
63) 4-Nitroaniline	15.953	138	30386	22.577	ng/ul	90
66) 4,6-Dinitro-2-methylph...	16.018	198	18605	16.204	ng/ul#	86
67) N-Nitrosodiphenylamine	16.147	169	132084	21.884	ng/ul	94
68) 4-Bromophenyl-phenylether	16.835	248	53513	23.417	ng/ul#	89
69) Hexachlorobenzene	16.964	284	59300	20.650	ng/ul#	93
70) Atrazine	17.087	200	53045	19.586	ng/ul	95
71) Pentachlorophenol	17.299	266	27207	15.463	ng/ul	92
72) Phenanthrene	17.698	178	242648	21.024	ng/ul	97
74) Anthracene	17.792	178	242755	20.820	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.715	216	74619	21.615	ng/ul	99
76) Pentachlorobenzene	15.231	250	70025	21.219	ng/ul	97
77) Carbazole	18.051	167	216915	20.775	ng/ul	99
78) Di-n-butylphthalate	18.597	149	248108	19.745	ng/ul	99
80) Fluoranthene	19.695	202	297989	22.028	ng/ul#	92
82) Pyrene	20.060	202	287418	21.469	ng/ul#	92
83) Butylbenzylphthalate	20.929	149	97299	21.672	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.851	252	97370	21.099	ng/ul#	98
85) Benzo(a)anthracene	21.957	228	276840	21.730	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.840	149	136491	21.704	ng/ul#	99
87) Chrysene	22.028	228	258400	20.994	ng/ul	98
89) Di-n-octyl phthalate	23.150	149	230548	22.309	ng/ul	100
90) Benzo(b)fluoranthene	24.354	252	270915	21.080	ng/ul#	96
91) Benzo(k)fluoranthene	24.424	252	258723	21.497	ng/ul#	95
93) Benzo(a)pyrene	25.305	252	256227	21.125	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.500	276	265591m	20.057	ng/ul	
95) Dibenzo(a,h)anthracene	29.570	278	220880	19.530	ng/ul#	93
96) Benzo(g,h,i)perylene	30.763	276	209305	18.652	ng/ul#	88

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

