

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051499.D
 Acq On : 14 Dec 2021 11:28
 Operator : CG/JU
 Sample : SSTD02037
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020437

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2021
 Supervised By :Yogesh Patel 12/23/2021

Quant Time: Dec 14 13:34:20 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 13:31:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.287	152	29299	20.000	ng/u1	0.00
20) Naphthalene-d8	11.124	136	120663	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.919	164	89157	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.662	188	223222	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.986	240	215937	20.000	ng/u1	# 0.00
88) Perylene-d12	25.493	264	211991	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	5578	7.383	ng/uL	0.00
4) Pyridine-d5	4.045	84	41777	20.066	ng/u1	0.00
7) Phenol-d5	7.417	99	52219	19.535	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.594	67	32081	20.147	ng/u1	0.00
11) 2-Chlorophenol-d4	7.811	132	36383	19.499	ng/u1	0.00
15) 4-Methylphenol-d8	8.980	113	40266	18.596	ng/u1	0.00
21) Nitrobenzene-d5	9.456	128	17933	20.682	ng/u1	0.00
24) 2-Nitrophenol-d4	10.184	143	19642	22.064	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.730	165	44053	19.843	ng/u1	0.00
31) 4-Chloroaniline-d4	11.242	131	56883	19.975	ng/u1	0.00
46) Dimethylphthalate-d6	14.314	166	146681	20.268	ng/u1	0.00
49) Acenaphthylene-d8	14.613	160	186143	20.731	ng/u1	0.00
54) 4-Nitrophenol-d4	15.078	143	23674	22.197	ng/u1	0.00
60) Fluorene-d10	15.906	176	131278	20.672	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.012	200	22115	21.739	ng/u1	0.00
73) Anthracene-d10	17.762	188	222825	20.524	ng/u1	0.00
81) Pyrene-d10	20.041	212	276821	20.447	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.252	264	232409	20.913	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.652	88	5785	8.013	ng/uL	90
5) Pyridine	4.063	79	44614	20.569	ng/u1	96
6) Benzaldehyde	7.406	77	40451	25.141	ng/u1	93
8) Phenol	7.441	94	52226	19.650	ng/u1#	90
10) Bis(2-Chloroethyl)ether	7.688	93	40271	19.960	ng/u1	93
12) 2-Chlorophenol	7.846	128	37387	18.934	ng/u1	95
13) 2-Methylphenol	8.716	108	40162	19.639	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.815	45	57486	20.648	ng/u1	97
16) Acetophenone	9.115	105	65975	19.534	ng/u1	91
17) N-Nitroso-di-n-propyla...	9.097	70	38805	18.796	ng/u1	90
18) 4-Methylphenol	9.045	108	41023	18.568	ng/u1	96
19) Hexachloroethane	9.391	117	16558	19.708	ng/u1#	82
22) Nitrobenzene	9.497	77	54407	22.290	ng/u1#	96
23) Isophorone	10.031	82	109276	20.107	ng/u1	98
25) 2-Nitrophenol	10.219	139	21117	21.706	ng/u1	95
26) 2,4-Dimethylphenol	10.266	107	50009	18.840	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.507	93	57208	19.393	ng/u1	95
29) 2,4-Dichlorophenol	10.754	162	40334	19.697	ng/u1	97
30) Naphthalene	11.177	128	134010	20.461	ng/u1	96
32) 4-Chloroaniline	11.271	127	58313	20.246	ng/u1	100
33) Hexachlorobutadiene	11.471	225	36795	21.766	ng/u1	96
34) Caprolactam	12.035	113	11837m	19.228	ng/u1	
35) 4-Chloro-3-methylphenol	12.369	107	47456	19.718	ng/u1	98
36) 2-Methylnaphthalene	12.769	142	97433	20.194	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.986	142	100123	20.226	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.127	216	65129	21.149	ng/ul	96
40) Hexachlorocyclopentadiene	13.115	237	45114	20.613	ng/ul	98
41) 2,4,6-Trichlorophenol	13.356	196	38947	21.037	ng/ul	100
42) 2,4,5-Trichlorophenol	13.427	196	39710	20.261	ng/ul	97
43) 1,1'-Biphenyl	13.756	154	142254	21.097	ng/ul#	94
44) 2-Chloronaphthalene	13.803	162	110478	21.061	ng/ul	98
45) 2-Nitroaniline	13.991	65	33060	22.723	ng/ul#	86
47) Dimethylphthalate	14.361	163	144230	20.432	ng/ul#	99
48) 2,6-Dinitrotoluene	14.472	165	27882	23.787	ng/ul	97
50) Acenaphthylene	14.643	152	177467	20.223	ng/ul	97
51) 3-Nitroaniline	14.801	138	27485	23.673	ng/ul	91
52) Acenaphthene	14.984	153	116638	20.123	ng/ul	92
53) 2,4-Dinitrophenol	15.001	184	13763	21.760	ng/ul#	1
55) 4-Nitrophenol	15.089	109	24791	21.987	ng/ul	85
56) Dibenzofuran	15.318	168	174485	20.707	ng/ul	98
57) 2,4-Dinitrotoluene	15.260	165	39479	24.431	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.536	232	38507	21.034	ng/ul#	86
59) Diethylphthalate	15.718	149	147721	20.125	ng/ul	100
61) Fluorene	15.965	166	141160	20.238	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.953	204	81214	20.940	ng/ul	94
63) 4-Nitroaniline	15.959	138	28666	24.009	ng/ul	87
66) 4,6-Dinitro-2-methylph...	16.023	198	21620	21.107	ng/ul	100
67) N-Nitrosodiphenylamine	16.158	169	124671	19.909	ng/ul	97
68) 4-Bromophenyl-phenylether	16.846	248	46708	17.768	ng/ul#	89
69) Hexachlorobenzene	16.975	284	59646	20.503	ng/ul#	89
70) Atrazine	17.104	200	55691	19.842	ng/ul	97
71) Pentachlorophenol	17.310	266	34430	19.583	ng/ul	98
72) Phenanthrene	17.709	178	242936	20.961	ng/ul	99
74) Anthracene	17.797	178	241910	20.571	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.726	216	71444	20.364	ng/ul	94
76) Pentachlorobenzene	15.236	250	70588	20.704	ng/ul	97
77) Carbazole	18.062	167	220732	20.777	ng/ul	98
78) Di-n-butylphthalate	18.614	149	259298	19.815	ng/ul	99
80) Fluoranthene	19.707	202	318961	20.389	ng/ul#	89
82) Pyrene	20.065	202	314236	20.612	ng/ul#	89
83) Butylbenzylphthalate	20.946	149	103203	19.437	ng/ul#	95
84) 3,3'-Dichlorobenzidine	21.868	252	108500	20.271	ng/ul#	97
85) Benzo(a)anthracene	21.968	228	294369	20.687	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.868	149	144728	19.479	ng/ul#	96
87) Chrysene	22.039	228	282505	20.725	ng/ul	98
89) Di-n-octyl phthalate	23.184	149	238370	20.101	ng/ul	100
90) Benzo(b)fluoranthene	24.371	252	293270	20.876	ng/ul#	96
91) Benzo(k)fluoranthene	24.447	252	277298	21.306	ng/ul#	97
93) Benzo(a)pyrene	25.328	252	279055	20.951	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.534	276	302683m	20.232	ng/ul	
95) Dibenzo(a,h)anthracene	29.605	278	257757	20.267	ng/ul#	93
96) Benzo(g,h,i)perylene	30.792	276	252139	19.643	ng/ul#	86

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

