

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021522\
 Data File : BG052404.D
 Acq On : 15 Feb 2022 22:41
 Operator : CG/JU
 Sample : PB142594BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS594

Quant Time: Feb 15 23:15:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 31 18:07:10 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/16/2022
 Supervised By :Jagrut Upadhyay 02/16/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	24459	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.059	136	106950	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.866	164	77241	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.615	188	197192	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.933	240	207076	20.000	ng/u1	#-0.01
88) Perylene-d12	25.393	264	209096	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.546	96	4019m	6.629	ng/uL	-0.02
4) Pyridine-d5	3.969	84	56696	30.066	ng/u1	-0.02
7) Phenol-d5	7.364	99	72987	32.806	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.529	67	43289	32.028	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.746	132	50715	32.713	ng/u1	-0.02
15) 4-Methylphenol-d8	8.927	113	59334	35.144	ng/u1	-0.01
21) Nitrobenzene-d5	9.391	128	27298	31.347	ng/u1	-0.02
24) 2-Nitrophenol-d4	10.125	143	31010	32.588	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.677	165	61568	33.189	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.182	131	71220	30.266	ng/u1	-0.02
46) Dimethylphthalate-d6	14.255	166	211963	34.912	ng/u1	-0.01
49) Acenaphthylene-d8	14.560	160	255632	33.780	ng/u1	-0.02
54) 4-Nitrophenol-d4	15.054	143	34422	37.434	ng/u1	0.00
60) Fluorene-d10	15.858	176	187872	35.320	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.970	200	41415	34.019	ng/u1	-0.01
73) Anthracene-d10	17.715	188	309977	33.344	ng/u1	-0.01
81) Pyrene-d10	19.994	212	398380	32.100	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.158	264	380451	34.249	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.581	88	8615	12.748	ng/uL	97
5) Pyridine	3.992	79	59114	29.934	ng/u1	91
6) Benzaldehyde	7.341	77	44318	35.137	ng/u1	91
8) Phenol	7.393	94	74642	33.477	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.623	93	54962	32.621	ng/u1	91
12) 2-Chlorophenol	7.781	128	53672	33.537	ng/u1	94
13) 2-Methylphenol	8.662	108	56850	33.880	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.750	45	76250	31.685	ng/u1	96
16) Acetophenone	9.044	105	89230	34.081	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.027	70	52217	33.249	ng/u1	99
18) 4-Methylphenol	8.991	108	61671	34.886	ng/u1	89
19) Hexachloroethane	9.326	117	20842	30.240	ng/u1#	75
22) Nitrobenzene	9.432	77	76557	31.519	ng/u1	96
23) Isophorone	9.961	82	150478	33.481	ng/u1	98
25) 2-Nitrophenol	10.154	139	33856	32.544	ng/u1	97
26) 2,4-Dimethylphenol	10.207	107	68666	32.012	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.442	93	79412	32.946	ng/u1	100
29) 2,4-Dichlorophenol	10.701	162	57496	32.062	ng/u1	94
30) Naphthalene	11.112	128	184198	31.498	ng/u1	97
32) 4-Chloroaniline	11.212	127	69304	28.566	ng/u1	97
33) Hexachlorobutadiene	11.394	225	42724	29.207	ng/u1	97
34) Caprolactam	11.958	113	22760m	39.133	ng/u1	
35) 4-Chloro-3-methylphenol	12.328	107	69739	36.056	ng/u1	94
36) 2-Methylnaphthalene	12.704	142	133722	32.587	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.921	142	138912	32.905	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.074	216	87640	31.522	ng/ul	98
40) Hexachlorocyclopentadiene	13.051	237	36249	22.838	ng/ul	98
41) 2,4,6-Trichlorophenol	13.303	196	55024	33.146	ng/ul	99
42) 2,4,5-Trichlorophenol	13.385	196	57208	31.996	ng/ul	98
43) 1,1'-Biphenyl	13.697	154	196103	32.385	ng/ul#	94
44) 2-Chloronaphthalene	13.750	162	148812	32.119	ng/ul	97
45) 2-Nitroaniline	13.943	65	54301	34.808	ng/ul	92
47) Dimethylphthalate	14.302	163	205048	34.843	ng/ul#	99
48) 2,6-Dinitrotoluene	14.431	165	45390	35.753	ng/ul	88
50) Acenaphthylene	14.590	152	256194	33.776	ng/ul	97
51) 3-Nitroaniline	14.760	138	42317	38.951	ng/ul	96
52) Acenaphthene	14.930	153	169826	34.153	ng/ul	98
53) 2,4-Dinitrophenol	14.971	184	21378	32.428	ng/ul	90
55) 4-Nitrophenol	15.065	109	33422	34.677	ng/ul	83
56) Dibenzofuran	15.265	168	244660	33.982	ng/ul	99
57) 2,4-Dinitrotoluene	15.218	165	66601	36.595	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.494	232	52828	33.753	ng/ul#	85
59) Diethylphthalate	15.665	149	212342	35.585	ng/ul	97
61) Fluorene	15.911	166	209315	35.035	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.894	204	112045	34.100	ng/ul	92
63) 4-Nitroaniline	15.923	138	45971	43.607	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.988	198	39860	34.378	ng/ul#	98
67) N-Nitrosodiphenylamine	16.105	169	184221	34.076	ng/ul	94
68) 4-Bromophenyl-phenylether	16.793	248	78696	33.059	ng/ul#	85
69) Hexachlorobenzene	16.928	284	90032	33.654	ng/ul#	89
70) Atrazine	17.051	200	74449	31.215	ng/ul	98
71) Pentachlorophenol	17.268	266	37033	28.870	ng/ul	97
72) Phenanthrene	17.656	178	356802	34.346	ng/ul	99
74) Anthracene	17.750	178	353047	34.433	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.673	216	90865	27.601	ng/uL	98
76) Pentachlorobenzene	15.189	250	95000	31.281	ng/uL	99
77) Carbazole	18.014	167	324329	36.292	ng/ul	98
78) Di-n-butylphthalate	18.555	149	387616	36.163	ng/ul	99
80) Fluoranthene	19.659	202	481738	32.962	ng/ul#	91
82) Pyrene	20.023	202	465958	32.567	ng/ul#	90
83) Butylbenzylphthalate	20.887	149	170530	34.072	ng/ul#	92
84) 3,3'-Dichlorobenzidine	21.809	252	157155	35.443	ng/ul#	98
85) Benzo(a)anthracene	21.909	228	470473	33.780	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.786	149	241526	33.665	ng/ul#	97
87) Chrysene	21.980	228	440802	33.497	ng/ul	98
89) Di-n-octyl phthalate	23.078	149	406520	34.268	ng/ul	100
90) Benzo(b)fluoranthene	24.288	252	486005	33.519	ng/ul#	94
91) Benzo(k)fluoranthene	24.359	252	463903	34.970	ng/ul#	96
93) Benzo(a)pyrene	25.228	252	462429	34.196	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.387	276	535810	35.570	ng/ul#	94
95) Dibenzo(a,h)anthracene	29.452	278	462596	37.037	ng/ul#	92
96) Benzo(g,h,i)perylene	30.644	276	451121m	35.182	ng/ul	

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

