

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020322\
 Data File : BG052292.D
 Acq On : 4 Feb 2022 6:23
 Operator : CG/JU
 Sample : PB142414BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS414

Quant Time: Feb 04 07:00:03 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 :Jagrut Upadhyay 02/04/2022
 Supervised By :Yogesh Patel 02/08/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	33439	20.000	ng/u1	0.00
20) Naphthalene-d8	11.072	136	131567	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.878	164	90428	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.627	188	213270	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.945	240	212924	20.000	ng/u1	# 0.00
88) Perylene-d12	25.423	264	219262	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.564	96	5472	6.602	ng/uL	0.00
4) Pyridine-d5	3.993	84	78224	30.342	ng/u1	0.00
7) Phenol-d5	7.377	99	94260	30.990	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.541	67	59602	32.255	ng/u1	0.00
11) 2-Chlorophenol-d4	7.764	132	69970	33.012	ng/u1	0.00
15) 4-Methylphenol-d8	8.939	113	71494	30.974	ng/u1	0.00
21) Nitrobenzene-d5	9.409	128	34517	32.221	ng/u1	0.00
24) 2-Nitrophenol-d4	10.137	143	38123	32.567	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.690	165	74908	32.825	ng/u1	0.00
31) 4-Chloroaniline-d4	11.201	131	93483	32.294	ng/u1	0.00
46) Dimethylphthalate-d6	14.273	166	238094	33.497	ng/u1	0.00
49) Acenaphthylene-d8	14.579	160	295952	33.405	ng/u1	0.00
54) 4-Nitrophenol-d4	15.060	143	37861m	35.170	ng/u1	0.00
60) Fluorene-d10	15.871	176	210980	33.880	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.983	200	44238	33.599	ng/u1	0.00
73) Anthracene-d10	17.727	188	349052	34.716	ng/u1	0.00
81) Pyrene-d10	20.006	212	441108	34.567	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.182	264	419002	35.970	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.605	88	11572	12.525	ng/uL#	83
5) Pyridine	4.011	79	78745	29.166	ng/u1	98
6) Benzaldehyde	7.359	77	58112	33.700	ng/u1	93
8) Phenol	7.406	94	94882	31.127	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.635	93	70360	30.545	ng/u1	100
12) 2-Chlorophenol	7.800	128	71146	32.517	ng/u1	93
13) 2-Methylphenol	8.675	108	71872	31.330	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.757	45	101217	30.765	ng/u1	97
16) Acetophenone	9.063	105	109673	30.640	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.045	70	64276	29.936	ng/u1	97
18) 4-Methylphenol	9.004	108	74064	30.645	ng/u1	95
19) Hexachloroethane	9.339	117	28847	30.615	ng/u1#	80
22) Nitrobenzene	9.450	77	94695	31.692	ng/u1#	98
23) Isophorone	9.973	82	176572	31.937	ng/u1	99
25) 2-Nitrophenol	10.173	139	39494	30.861	ng/u1	95
26) 2,4-Dimethylphenol	10.226	107	82437	31.241	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.455	93	94788	31.967	ng/u1	97
29) 2,4-Dichlorophenol	10.713	162	69684	31.588	ng/u1	97
30) Naphthalene	11.124	128	227577	31.635	ng/u1	96
32) 4-Chloroaniline	11.224	127	89238	29.901	ng/u1	100
33) Hexachlorobutadiene	11.412	225	58174	32.328	ng/u1	98
34) Caprolactam	11.970	113	24287m	33.945	ng/u1	
35) 4-Chloro-3-methylphenol	12.340	107	79505	33.414	ng/u1	97
36) 2-Methylnaphthalene	12.722	142	160298	31.754	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.940	142	163402	31.464	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.086	216	101645	31.228	ng/ul	98
40) Hexachlorocyclopentadiene	13.069	237	52717	28.370	ng/ul	100
41) 2,4,6-Trichlorophenol	13.321	196	63243	32.541	ng/ul	92
42) 2,4,5-Trichlorophenol	13.398	196	69326	33.119	ng/ul	98
43) 1,1'-Biphenyl	13.715	154	224278	31.637	ng/ul#	94
44) 2-Chloronaphthalene	13.762	162	170190	31.376	ng/ul	98
45) 2-Nitroaniline	13.956	65	60509	33.131	ng/ul	94
47) Dimethylphthalate	14.320	163	229039	33.244	ng/ul	99
48) 2,6-Dinitrotoluene	14.443	165	49951	33.608	ng/ul	89
50) Acenaphthylene	14.602	152	282851	31.852	ng/ul	97
51) 3-Nitroaniline	14.772	138	45921	36.104	ng/ul	99
52) Acenaphthene	14.943	153	187852	32.269	ng/ul	96
53) 2,4-Dinitrophenol	14.978	184	22244	28.821	ng/ul	94
55) 4-Nitrophenol	15.078	109	37697m	33.409	ng/ul	
56) Dibenzofuran	15.278	168	268612	31.868	ng/ul	98
57) 2,4-Dinitrotoluene	15.231	165	72532	34.042	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.501	232	62471	34.093	ng/ul#	85
59) Diethylphthalate	15.677	149	234480	33.565	ng/ul	97
61) Fluorene	15.924	166	226168	32.335	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.906	204	127356	33.107	ng/ul	94
63) 4-Nitroaniline	15.936	138	47565m	38.539	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.994	198	41284	32.922	ng/ul	95
67) N-Nitrosodiphenylamine	16.124	169	199798	34.172	ng/ul	94
68) 4-Bromophenyl-phenylether	16.805	248	88915	34.536	ng/ul#	87
69) Hexachlorobenzene	16.940	284	97928	33.846	ng/ul#	88
70) Atrazine	17.063	200	82380	31.936	ng/ul	98
71) Pentachlorophenol	17.281	266	43373	31.264	ng/ul	96
72) Phenanthrene	17.674	178	377316	33.583	ng/ul	98
74) Anthracene	17.762	178	378158	34.102	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.686	216	108057	30.349	ng/uL	96
76) Pentachlorobenzene	15.201	250	109800	33.428	ng/uL	96
77) Carbazole	18.027	167	343048	35.493	ng/ul	99
78) Di-n-butylphthalate	18.567	149	403516	34.808	ng/ul	100
80) Fluoranthene	19.672	202	504051	33.542	ng/ul#	91
82) Pyrene	20.036	202	490572	33.346	ng/ul#	89
83) Butylbenzylphthalate	20.905	149	180086	34.993	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.828	252	175515	38.496	ng/ul#	95
85) Benzo(a)anthracene	21.927	228	497910	34.768	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.804	149	256670	34.794	ng/ul#	97
87) Chrysene	21.998	228	466662	34.488	ng/ul	99
89) Di-n-octyl phthalate	23.102	149	428972	34.484	ng/ul	100
90) Benzo(b)fluoranthene	24.312	252	527395	34.687	ng/ul#	94
91) Benzo(k)fluoranthene	24.389	252	480320	34.529	ng/ul#	96
93) Benzo(a)pyrene	25.264	252	489599	34.527	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.435	276	571675	36.191	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.500	278	473015	36.115	ng/ul#	93
96) Benzo(g,h,i)perylene	30.686	276	474746	35.308	ng/ul#	89

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

