

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
 Data File : BG056900.D
 Acq On : 9 Mar 2023 4:08
 Operator : CG/JU
 Sample : PB151258BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS258

Quant Time: Mar 09 05:24:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 08 23:58:51 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/09/2023
 Supervised By :Jagrut Upadhyay 03/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.419	152	15565	20.000	ng/u1	0.00
20) Naphthalene-d8	11.263	136	70458	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	15.035	164	57170	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.773	188	158233	20.000	ng/u1	0.00
79) Chrysene-d12	22.097	240	149104	20.000	ng/u1	0.00
88) Perylene-d12	25.646	264	161905	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.689	96	2399	5.977	ng/uL	0.00
4) Pyridine-d5	4.130	84	35515	27.200	ng/u1	0.00
7) Phenol-d5	7.538	99	46739	29.298	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.720	67	29164	29.105	ng/u1	0.00
11) 2-Chlorophenol-d4	7.937	132	30352	30.400	ng/u1	0.00
15) 4-Methylphenol-d8	9.107	113	34475	28.640	ng/u1	0.00
21) Nitrobenzene-d5	9.594	128	15722	26.903	ng/u1	0.00
24) 2-Nitrophenol-d4	10.323	143	19513	28.225	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.863	165	37751	28.191	ng/u1	0.00
31) 4-Chloroaniline-d4	11.380	131	41499	23.519	ng/u1	0.00
46) Dimethylphthalate-d6	14.418	166	135337	27.676	ng/u1	0.00
49) Acenaphthylene-d8	14.730	160	147987	27.562	ng/u1	0.00
54) 4-Nitrophenol-d4	15.194	143	24167	29.165	ng/u1	0.00
60) Fluorene-d10	16.016	176	125216	27.614	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.122	200	30090	26.312	ng/u1	0.00
73) Anthracene-d10	17.873	188	205440	26.863	ng/u1	0.00
81) Pyrene-d10	20.135	212	259035	28.522	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.405	264	250463	28.252	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.731	88	4920	10.999	ng/uL#	83
5) Pyridine	4.148	79	36806	26.310	ng/u1	96
6) Benzaldehyde	7.538	77	29499	35.130	ng/u1	94
8) Phenol	7.567	94	46106	28.348	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.814	93	32745	28.659	ng/u1	97
12) 2-Chlorophenol	7.973	128	29511	28.768	ng/u1	98
13) 2-Methylphenol	8.842	108	33904	28.354	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.942	45	44545	28.405	ng/u1#	95
16) Acetophenone	9.242	105	58176	28.240	ng/u1	93
17) N-Nitroso-di-n-propyla...	9.218	70	33091	27.618	ng/u1#	96
18) 4-Methylphenol	9.171	108	36566	28.174	ng/u1	88
19) Hexachloroethane	9.524	117	12672	29.912	ng/u1	85
22) Nitrobenzene	9.635	77	48665	26.687	ng/u1	94
23) Isophorone	10.158	82	94765	26.620	ng/u1	98
25) 2-Nitrophenol	10.352	139	19334	26.749	ng/u1	93
26) 2,4-Dimethylphenol	10.393	107	39761	25.093	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.634	93	48334	27.892	ng/u1	94
29) 2,4-Dichlorophenol	10.893	162	37014	28.670	ng/u1	96
30) Naphthalene	11.310	128	103935	26.705	ng/u1	96
32) 4-Chloroaniline	11.404	127	39953	23.110	ng/u1	99
33) Hexachlorobutadiene	11.586	225	28857	28.402	ng/u1	96
34) Caprolactam	12.144	113	13789m	29.150	ng/u1	
35) 4-Chloro-3-methylphenol	12.491	107	42792	28.549	ng/u1	94
36) 2-Methylnaphthalene	12.885	142	77095	27.538	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.102	142	77885	27.843	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	13.243	216	56499	26.744	ng/ul#	96
40) Hexachlorocyclopentadiene	13.220	237	33138	23.069	ng/ul#	91
41) 2,4,6-Trichlorophenol	13.472	196	38516	27.997	ng/ul	96
42) 2,4,5-Trichlorophenol	13.543	196	42267	27.601	ng/ul	97
43) 1,1'-Biphenyl	13.872	154	116112	27.118	ng/ul	97
44) 2-Chloronaphthalene	13.919	162	94923	26.887	ng/ul	97
45) 2-Nitroaniline	14.113	65	36169	27.783	ng/ul	92
47) Dimethylphthalate	14.465	163	137308	27.776	ng/ul	100
48) 2,6-Dinitrotoluene	14.594	165	28525	28.695	ng/ul	97
50) Acenaphthylene	14.759	152	147944	27.265	ng/ul	99
51) 3-Nitroaniline	14.923	138	26861	29.948	ng/ul	96
52) Acenaphthene	15.094	153	102050	26.890	ng/ul	96
53) 2,4-Dinitrophenol	15.123	184	20718	28.431	ng/ul	94
55) 4-Nitrophenol	15.211	109	29358	27.486	ng/ul	95
56) Dibenzofuran	15.423	168	155857	26.865	ng/ul	97
57) 2,4-Dinitrotoluene	15.376	165	42503	27.734	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.646	232	42083	28.517	ng/ul	98
59) Diethylphthalate	15.816	149	137709	27.561	ng/ul	99
61) Fluorene	16.075	166	126921	27.474	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.051	204	76141	27.471	ng/ul	94
63) 4-Nitroaniline	16.081	138	29306	32.937	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.134	198	28788	26.304	ng/ul	96
67) N-Nitrosodiphenylamine	16.263	169	117568	27.668	ng/ul	97
68) 4-Bromophenyl-phenylether	16.950	248	54598	27.818	ng/ul	98
69) Hexachlorobenzene	17.074	284	59418	27.908	ng/ul	98
70) Atrazine	17.197	200	49712	26.020	ng/ul	99
71) Pentachlorophenol	17.415	266	34567m	27.545	ng/ul	
72) Phenanthrene	17.814	178	236858	27.815	ng/ul	99
74) Anthracene	17.908	178	231224	26.655	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.842	216	61481	27.111	ng/uL	94
76) Pentachlorobenzene	15.346	250	63806	26.949	ng/uL	97
77) Carbazole	18.167	167	203550	27.650	ng/ul	99
78) Di-n-butylphthalate	18.695	149	234081	27.490	ng/ul	99
80) Fluoranthene	19.800	202	305630	28.232	ng/ul	98
82) Pyrene	20.164	202	303255	27.974	ng/ul	99
83) Butylbenzylphthalate	21.022	149	103003	28.650	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.974	252	101740	28.167	ng/ul	95
85) Benzo(a)anthracene	22.074	228	306299	28.100	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.933	149	146063	28.429	ng/ul	96
87) Chrysene	22.150	228	285038	28.219	ng/ul	98
89) Di-n-octyl phthalate	23.255	149	250470	28.406	ng/ul	100
90) Benzo(b)fluoranthene	24.506	252	314565	28.422	ng/ul	99
91) Benzo(k)fluoranthene	24.583	252	298739m	28.097	ng/ul	
93) Benzo(a)pyrene	25.482	252	267523	28.291	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.747	276	364320	28.194	ng/ul	99
95) Dibenzo(a,h)anthracene	29.818	278	299371	28.074	ng/ul#	99
96) Benzo(g,h,i)perylene	31.028	276	294030	28.377	ng/ul	94

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

