

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050150.D
 Acq On : 4 Sep 2021 4:33
 Operator : CG/JU
 Sample : PB138871BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS871

Manual Integrations
 APPROVED

mohammad
 9/7/2021 11:34:31 AM

Quant Time: Sep 04 06:00:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	32343	20.000	ng/u1	0.00
20) Naphthalene-d8	10.766	136	133068	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.613	164	87162	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.363	188	189868	20.000	ng/u1	-0.01
79) Chrysene-d12	21.639	240	194991	20.000	ng/u1	0.00
88) Perylene-d12	24.852	264	200085	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	4718	7.522	ng/uL	0.00
4) Pyridine-d5	3.734	84	70536	37.336	ng/u1	0.00
7) Phenol-d5	7.123	99	98594	35.899	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.270	67	53975	35.374	ng/u1	0.00
11) 2-Chlorophenol-d4	7.482	132	74687	36.344	ng/u1	0.00
15) 4-Methylphenol-d8	8.674	113	74786	34.576	ng/u1	0.00
21) Nitrobenzene-d5	9.127	128	35827	34.728	ng/u1	0.00
24) 2-Nitrophenol-d4	9.849	143	44096	35.897	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.401	165	77951	35.577	ng/u1	0.00
31) 4-Chloroaniline-d4	10.907	131	89195	29.909	ng/u1	-0.01
46) Dimethylphthalate-d6	14.014	166	237201	35.559	ng/u1	0.00
49) Acenaphthylene-d8	14.308	160	284780	36.411	ng/u1	0.00
54) 4-Nitrophenol-d4	14.848	143	27859	28.866	ng/u1	0.00
60) Fluorene-d10	15.606	176	199276	35.234	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.747	200	40282	32.977	ng/u1	0.00
73) Anthracene-d10	17.468	188	309096	36.253	ng/u1	0.00
81) Pyrene-d10	19.759	212	377767	35.851	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.635	264	372651	35.106	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	11100	14.517	ng/uL	92
5) Pyridine	3.752	79	71445	34.990	ng/u1#	87
6) Benzaldehyde	7.082	77	69215	43.794	ng/u1	94
8) Phenol	7.153	94	96884	34.925	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.364	93	67288	35.137	ng/u1	97
12) 2-Chlorophenol	7.511	128	71566	35.243	ng/u1#	80
13) 2-Methylphenol	8.404	108	73684	34.429	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.480	45	69803	34.760	ng/u1#	97
16) Acetophenone	8.780	105	118166	33.499	ng/u1#	94
17) N-Nitroso-di-n-propyla...	8.757	70	61282	34.599	ng/u1	95
18) 4-Methylphenol	8.739	108	76915	33.406	ng/u1	92
19) Hexachloroethane	9.033	117	32230	36.267	ng/u1	98
22) Nitrobenzene	9.168	77	97443	34.858	ng/u1	97
23) Isophorone	9.685	82	164929	33.114	ng/u1	97
25) 2-Nitrophenol	9.879	139	42198	35.333	ng/u1	94
26) 2,4-Dimethylphenol	9.943	107	91413	34.440	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.172	93	91402	35.538	ng/u1	99
29) 2,4-Dichlorophenol	10.425	162	70461	35.038	ng/u1	95
30) Naphthalene	10.818	128	229024	34.434	ng/u1	96
32) 4-Chloroaniline	10.930	127	84645	29.472	ng/u1	89
33) Hexachlorobutadiene	11.095	225	56302	34.608	ng/u1	97
34) Caprolactam	11.706	113	23182m	32.909	ng/u1	
35) 4-Chloro-3-methylphenol	12.076	107	83787	34.862	ng/u1	96
36) 2-Methylnaphthalene	12.434	142	168485	34.078	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	162979	32.658	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.804	216	96777	37.802	ng/ul#	94
40) Hexachlorocyclopentadiene	12.775	237	13875	12.110	ng/ul	92
41) 2,4,6-Trichlorophenol	13.051	196	58358	35.770	ng/ul	88
42) 2,4,5-Trichlorophenol	13.133	196	59920	35.043	ng/ul	98
43) 1,1'-Biphenyl	13.438	154	217685	35.748	ng/ul	99
44) 2-Chloronaphthalene	13.485	162	173443	35.460	ng/ul	99
45) 2-Nitroaniline	13.697	65	58321	35.119	ng/ul	94
47) Dimethylphthalate	14.061	163	219422	33.237	ng/ul	99
48) 2,6-Dinitrotoluene	14.190	165	48037	35.245	ng/ul	94
50) Acenaphthylene	14.337	152	254163	35.555	ng/ul	97
51) 3-Nitroaniline	14.525	138	43148	32.807	ng/ul	96
52) Acenaphthene	14.678	153	186823	36.028	ng/ul	98
53) 2,4-Dinitrophenol	14.754	184	16831m	24.178	ng/ul	
55) 4-Nitrophenol	14.860	109	32304	26.400	ng/ul#	79
56) Dibenzofuran	15.013	168	251392	35.008	ng/ul	100
57) 2,4-Dinitrotoluene	14.989	165	68209	34.791	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.248	232	49046	34.615	ng/ul	97
59) Diethylphthalate	15.424	149	229380	33.965	ng/ul	96
61) Fluorene	15.665	166	211594	34.925	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.653	204	110321	34.415	ng/ul	96
63) 4-Nitroaniline	15.694	138	47316	36.051	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.765	198	35051	31.658	ng/ul	96
67) N-Nitrosodiphenylamine	15.865	169	179592	35.927	ng/ul	97
68) 4-Bromophenyl-phenylether	16.546	248	79085	37.653	ng/ul	95
69) Hexachlorobenzene	16.675	284	89369	36.847	ng/ul	96
70) Atrazine	16.816	200	81781	36.826	ng/ul	97
71) Pentachlorophenol	17.034	266	19597m	19.081	ng/ul	
72) Phenanthrene	17.410	178	351453	37.130	ng/ul	98
74) Anthracene	17.504	178	348979	36.382	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.409	216	99750	39.158	ng/ul	93
76) Pentachlorobenzene	14.936	250	99136	36.728	ng/ul	97
77) Carbazole	17.774	167	316552	37.087	ng/ul	99
78) Di-n-butylphthalate	18.320	149	389853	35.713	ng/ul	98
80) Fluoranthene	19.424	202	444218	34.163	ng/ul#	98
82) Pyrene	19.789	202	437439	33.950	ng/ul	99
83) Butylbenzylphthalate	20.658	149	174265	34.273	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.533	252	154145	33.349	ng/ul	97
85) Benzo(a)anthracene	21.616	228	427539	35.189	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.510	149	244713	35.045	ng/ul	99
87) Chrysene	21.686	228	406764	35.416	ng/ul	97
89) Di-n-octyl phthalate	22.708	149	415848	35.035	ng/ul	100
90) Benzo(b)fluoranthene	23.830	252	449995	35.159	ng/ul#	97
91) Benzo(k)fluoranthene	23.901	252	418173	34.373	ng/ul	99
93) Benzo(a)pyrene	24.706	252	381169	34.293	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.547	276	494108	33.700	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.594	278	414757	33.791	ng/ul#	97
96) Benzo(g,h,i)perylene	29.705	276	399789	32.433	ng/ul	96

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

