

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050381.D
 Acq On : 2 Oct 2021 8:44
 Operator : CG/JU
 Sample : PB139462BS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS462

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:50:59 AM

Quant Time: Oct 04 01:05:07 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	53451	20.00	ng/ul	0.00
20) Naphthalene-d8	11.097	136	221818	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.887	164	146412	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.631	188	320988	20.00	ng/ul	0.00
79) Chrysene-d12	21.932	240	299878	20.00	ng/ul	#-0.02
88) Perylene-d12	25.357	264	309071	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.635	96	9102m	6.26	ng/uL	0.00
4) Pyridine-d5	4.058	84	130060	30.00	ng/ul	-0.01
7) Phenol-d5	7.402	99	151746	32.49	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.584	67	97681	33.24	ng/ul	0.00
11) 2-Chlorophenol-d4	7.795	132	105681	32.30	ng/ul	0.00
15) 4-Methylphenol-d8	8.964	113	117682	33.29	ng/ul	0.00
21) Nitrobenzene-d5	9.440	128	54022	34.81	ng/ul	0.00
24) 2-Nitrophenol-d4	10.163	143	59509	35.73	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.704	165	105633	32.12	ng/ul	0.00
31) 4-Chloroaniline-d4	11.221	131	137152	29.19	ng/ul	0.00
46) Dimethylphthalate-d6	14.282	166	314875	31.42	ng/ul	-0.01
49) Acenaphthylene-d8	14.581	160	395598	31.44	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.051	143	61758	32.00	ng/ul	0.00
60) Fluorene-d10	15.874	176	281633	31.20	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.980	200	52649	32.88	ng/ul	0.00
73) Anthracene-d10	17.731	188	433401	31.96	ng/ul	0.00
81) Pyrene-d10	20.004	212	529018	33.18	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.116	264	494057	31.79	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.671	88	20315	11.54	ng/uL#	80
5) Pyridine	4.082	79	134778	30.69	ng/ul	99
6) Benzaldehyde	7.402	77	107387	34.87	ng/ul	96
8) Phenol	7.431	94	159053	33.23	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.678	93	118892	33.11	ng/ul	99
12) 2-Chlorophenol	7.830	128	108200	32.32	ng/ul	90
13) 2-Methylphenol	8.694	108	117405	33.28	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.788	45	186125	34.55	ng/ul	99
16) Acetophenone	9.100	105	178020	31.70	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.076	70	106610	31.59	ng/ul	95
18) 4-Methylphenol	9.023	108	121284	32.47	ng/ul	99
19) Hexachloroethane	9.364	117	47402	32.95	ng/ul	95
22) Nitrobenzene	9.481	77	159220	34.24	ng/ul	96
23) Isophorone	10.004	82	281165	31.46	ng/ul	99
25) 2-Nitrophenol	10.198	139	60561	35.38	ng/ul	94
26) 2,4-Dimethylphenol	10.239	107	134880	31.74	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.486	93	157994	32.74	ng/ul	99
29) 2,4-Dichlorophenol	10.727	162	104333	32.04	ng/ul	99
30) Naphthalene	11.144	128	354282	31.11	ng/ul	98
32) 4-Chloroaniline	11.244	127	136868	28.94	ng/ul	95
33) Hexachlorobutadiene	11.420	225	72129	30.48	ng/ul	97
34) Caprolactam	12.008	113	37492m	29.81	ng/ul	
35) 4-Chloro-3-methylphenol	12.337	107	122822	32.00	ng/ul	96
36) 2-Methylnaphthalene	12.731	142	246076	31.78	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.948	142	235034	30.15	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.089	216	135754	32.13	ng/ul#	98
40) Hexachlorocyclopentadiene	13.065	237	77701	27.73	ng/ul	94
41) 2,4,6-Trichlorophenol	13.324	196	89179	33.49	ng/ul	97
42) 2,4,5-Trichlorophenol	13.389	196	97611	33.51	ng/ul	95
43) 1,1'-Biphenyl	13.724	154	313608	31.83	ng/ul	100
44) 2-Chloronaphthalene	13.771	162	245610	31.82	ng/ul	99
45) 2-Nitroaniline	13.964	65	93716	37.08	ng/ul	92
47) Dimethylphthalate	14.329	163	312542	31.00	ng/ul	99
48) 2,6-Dinitrotoluene	14.452	165	64283	33.90	ng/ul	98
50) Acenaphthylene	14.611	152	369774	28.97	ng/ul	98
51) 3-Nitroaniline	14.781	138	67249	32.60	ng/ul	87
52) Acenaphthene	14.952	153	268721	31.85	ng/ul	98
53) 2,4-Dinitrophenol	14.981	184	36639	31.00	ng/ul	93
55) 4-Nitrophenol	15.069	109	61878	32.42	ng/ul	90
56) Dibenzofuran	15.281	168	377278	30.75	ng/ul	97
57) 2,4-Dinitrotoluene	15.234	165	92357	33.54	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.498	232	79939	31.91	ng/ul#	89
59) Diethylphthalate	15.686	149	331319	31.50	ng/ul	98
61) Fluorene	15.933	166	294464	30.17	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.915	204	161359	30.52	ng/ul	95
63) 4-Nitroaniline	15.944	138	69124	33.18	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.991	198	52129	32.94	ng/ul#	97
67) N-Nitrosodiphenylamine	16.127	169	265702	32.74	ng/ul	98
68) 4-Bromophenyl-phenylether	16.814	248	97572	32.65	ng/ul	94
69) Hexachlorobenzene	16.926	284	100718	32.01	ng/ul	99
70) Atrazine	17.067	200	108780	31.48	ng/ul	99
71) Pentachlorophenol	17.266	266	66948	32.48	ng/ul	100
72) Phenanthrene	17.672	178	509100	31.77	ng/ul	99
74) Anthracene	17.766	178	504302	31.78	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.694	216	146286	34.57	ng/uL	98
76) Pentachlorobenzene	15.198	250	122375	31.65	ng/uL	96
77) Carbazole	18.030	167	468095	32.96	ng/ul	99
78) Di-n-butylphthalate	18.571	149	565683	33.61	ng/ul	99
80) Fluoranthene	19.670	202	640918	32.01	ng/ul	99
82) Pyrene	20.034	202	631031	31.96	ng/ul	99
83) Butylbenzylphthalate	20.903	149	257228	35.34	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.820	252	210657	34.08	ng/ul	99
85) Benzo(a)anthracene	21.908	228	606130	33.53	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.796	149	380169	36.35	ng/ul#	99
87) Chrysene	21.984	228	570001	32.90	ng/ul	100
89) Di-n-octyl phthalate	23.083	149	648191	36.50	ng/ul	100
90) Benzo(b)fluoranthene	24.264	252	618929	32.88	ng/ul	99
91) Benzo(k)fluoranthene	24.335	252	607114	34.66	ng/ul	99
93) Benzo(a)pyrene	25.198	252	548230	30.52	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.288	276	675455	33.49	ng/ul	94
95) Dibenzo(a,h)anthracene	29.358	278	566583	33.01	ng/ul	96
96) Benzo(g,h,i)perylene	30.516	276	562706	33.10	ng/ul	97

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

