

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050337.D
 Acq On : 1 Oct 2021 00:43
 Operator : CG/JU
 Sample : PB139333BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS333

Manual Integrations
 APPROVED

mohammad
 10/1/2021 11:30:19 AM

Quant Time: Oct 01 04:10:26 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	36937	20.000	ng/u1	0.00
20) Naphthalene-d8	11.097	136	146657	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.893	164	102154	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.631	188	252829	20.000	ng/u1	0.00
79) Chrysene-d12	21.938	240	244826	20.000	ng/u1	-0.01
88) Perylene-d12	25.363	264	247432	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.635	96	6583m	6.548	ng/uL	0.00
4) Pyridine-d5	4.064	84	93276	31.135	ng/u1	0.00
7) Phenol-d5	7.402	99	109028	33.784	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.590	67	70940	34.928	ng/u1	0.00
11) 2-Chlorophenol-d4	7.795	132	75755	33.502	ng/u1	0.00
15) 4-Methylphenol-d8	8.964	113	81536	33.380	ng/u1	0.00
21) Nitrobenzene-d5	9.440	128	38706	37.727	ng/u1	0.00
24) 2-Nitrophenol-d4	10.169	143	40454	36.740	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.704	165	78123	35.930	ng/u1	0.00
31) 4-Chloroaniline-d4	11.227	131	106535	34.298	ng/u1	0.00
46) Dimethylphthalate-d6	14.288	166	251030	35.907	ng/u1	0.00
49) Acenaphthylene-d8	14.587	160	306863	34.951	ng/u1	0.00
54) 4-Nitrophenol-d4	15.051	143	51176	38.006	ng/u1	0.00
60) Fluorene-d10	15.880	176	225945	35.871	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.980	200	44700	35.447	ng/u1	0.00
73) Anthracene-d10	17.731	188	373209	34.941	ng/u1	0.00
81) Pyrene-d10	20.005	212	474452	36.445	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.128	264	425154	34.172	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.677	88	15665	12.879	ng/uL#	85
5) Pyridine	4.082	79	97990	32.291	ng/u1	98
6) Benzaldehyde	7.407	77	74878	35.181	ng/u1	94
8) Phenol	7.431	94	111393	33.676	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.684	93	83400	33.614	ng/u1	98
12) 2-Chlorophenol	7.831	128	76925	33.251	ng/u1	91
13) 2-Methylphenol	8.700	108	80682	33.098	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.794	45	127542	34.262	ng/u1	99
16) Acetophenone	9.100	105	126120	32.497	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.076	70	73903	31.686	ng/u1	96
18) 4-Methylphenol	9.023	108	83418	32.312	ng/u1	96
19) Hexachloroethane	9.370	117	33504	33.697	ng/u1	94
22) Nitrobenzene	9.487	77	110625	35.978	ng/u1	98
23) Isophorone	10.010	82	193714	32.782	ng/u1	99
25) 2-Nitrophenol	10.198	139	40720	35.982	ng/u1	92
26) 2,4-Dimethylphenol	10.239	107	95203	33.890	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.486	93	107905	33.822	ng/u1	99
29) 2,4-Dichlorophenol	10.733	162	75290	34.975	ng/u1	99
30) Naphthalene	11.150	128	253053	33.609	ng/u1	99
32) 4-Chloroaniline	11.250	127	100497	32.137	ng/u1	95
33) Hexachlorobutadiene	11.426	225	52492	33.555	ng/u1	97
34) Caprolactam	12.008	113	27883m	33.527	ng/u1	
35) 4-Chloro-3-methylphenol	12.343	107	88392	34.828	ng/u1	97
36) 2-Methylnaphthalene	12.737	142	179248	35.016	ng/u1	95

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37) 1-Methylnaphthalene	12.954	142	171150	33.211	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.095	216	101608	34.466	ng/ul	96
40) Hexachlorocyclopentadiene	13.071	237	58921	30.138	ng/ul	93
41) 2,4,6-Trichlorophenol	13.324	196	65640	35.326	ng/ul	95
42) 2,4,5-Trichlorophenol	13.395	196	71809	35.329	ng/ul	98
43) 1,1'-Biphenyl	13.730	154	231231	33.635	ng/ul	98
44) 2-Chloronaphthalene	13.771	162	179498	33.328	ng/ul	97
45) 2-Nitroaniline	13.970	65	67165	38.091	ng/ul	96
47) Dimethylphthalate	14.335	163	242145	34.424	ng/ul	99
48) 2,6-Dinitrotoluene	14.458	165	47080	35.581	ng/ul	92
50) Acenaphthylene	14.617	152	279677	31.404	ng/ul	98
51) 3-Nitroaniline	14.787	138	50778	35.280	ng/ul	88
52) Acenaphthene	14.952	153	204637	34.766	ng/ul	97
53) 2,4-Dinitrophenol	14.987	184	29336	35.570	ng/ul#	86
55) 4-Nitrophenol	15.069	109	49305	37.030	ng/ul	95
56) Dibenzofuran	15.287	168	290059	33.883	ng/ul	99
57) 2,4-Dinitrotoluene	15.234	165	71906	37.425	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.504	232	62534	35.777	ng/ul	96
59) Diethylphthalate	15.686	149	261139	35.579	ng/ul	98
61) Fluorene	15.933	166	234413	34.419	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.921	204	124675	33.802	ng/ul	96
63) 4-Nitroaniline	15.945	138	53514	36.818	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.997	198	42541	34.127	ng/ul	95
67) N-Nitrosodiphenylamine	16.133	169	212916	33.307	ng/ul	94
68) 4-Bromophenyl-phenylether	16.814	248	78532	33.363	ng/ul	92
69) Hexachlorobenzene	16.932	284	83839	33.824	ng/ul	96
70) Atrazine	17.073	200	89475	32.873	ng/ul	97
71) Pentachlorophenol	17.272	266	54622	33.649	ng/ul	99
72) Phenanthrene	17.678	178	426770	33.816	ng/ul	98
74) Anthracene	17.766	178	419729	33.582	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.694	216	106217	31.866	ng/uL	91
76) Pentachlorobenzene	15.204	250	94666	31.087	ng/uL	97
77) Carbazole	18.030	167	396219	35.417	ng/ul	97
78) Di-n-butylphthalate	18.577	149	470593	35.498	ng/ul	99
80) Fluoranthene	19.670	202	558947	34.190	ng/ul	99
82) Pyrene	20.034	202	546089	33.874	ng/ul	98
83) Butylbenzylphthalate	20.909	149	210720	35.461	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.820	252	175502	34.780	ng/ul	96
85) Benzo(a)anthracene	21.914	228	509035	34.489	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.802	149	300358	35.175	ng/ul	100
87) Chrysene	21.985	228	484276	34.238	ng/ul	100
89) Di-n-octyl phthalate	23.089	149	513412	36.111	ng/ul	100
90) Benzo(b)fluoranthene	24.264	252	529947	35.163	ng/ul	99
91) Benzo(k)fluoranthene	24.341	252	492539	35.121	ng/ul	97
93) Benzo(a)pyrene	25.204	252	461587	32.100	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.305	276	563467m	34.901	ng/ul	
95) Dibenzo(a,h)anthracene	29.376	278	474929	34.567	ng/ul	98
96) Benzo(g,h,i)perylene	30.539	276	465821	34.227	ng/ul	98

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

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