

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
 Data File : BG046781.D
 Acq On : 3 Oct 2020 21:12
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02025

Manual Integrations
 APPROVED

mohammad
 10/5/2020 10:20:04 AM

Quant Time: Oct 05 01:00:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 05 00:58:20 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.115	152	83994	20.00	ng/ul	0.00
18) Naphthalene-d8	10.923	136	351231	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.736	164	257110	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.474	188	588188	20.00	ng/ul	0.00
78) Chrysene-d12	21.752	240	589981	20.00	ng/ul	0.00
86) Perylene-d12	25.024	264	628271	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.532	96	13560	7.92	ng/uL	0.00
5) Phenol-d5	7.257	99	144457	20.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.433	67	82829	18.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.639	132	109410	20.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.808	113	119003	21.17	ng/ul	0.00
19) Nitrobenzene-d5	9.272	128	57933	22.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.995	143	66056	24.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.535	165	132660	21.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.047	131	153433	20.54	ng/ul	0.00
44) Dimethylphthalate-d6	14.131	166	382203	19.46	ng/ul	0.00
47) Acenaphthylene-d8	14.425	160	460059	19.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.907	143	69116	20.64	ng/ul	0.00
58) Fluorene-d10	15.723	176	357688	19.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.829	200	65530	22.30	ng/ul	0.00
71) Anthracene-d10	17.574	188	535730	19.85	ng/ul	0.00
79) Pyrene-d10	19.854	212	610151	19.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.801	264	632579	18.68	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.567	88	15157	6.91	ng/uL#	94
4) Benzaldehyde	7.245	77	103091	20.33	ng/ul	97
6) Phenol	7.286	94	155635	20.67	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.521	93	114420	19.73	ng/ul	93
10) 2-Chlorophenol	7.674	128	114876	21.47	ng/ul	96
11) 2-Methylphenol	8.544	108	122615	22.09	ng/ul	97
12) 2,2'-oxybis(1-Chloropr...	8.638	45	177129	19.41	ng/ul	99
14) Acetophenone	8.931	105	194239	21.31	ng/ul	95
15) N-Nitroso-di-n-propyla...	8.914	70	100531	20.42	ng/ul	96
16) 4-Methylphenol	8.873	108	124989	21.11	ng/ul	96
17) Hexachloroethane	9.202	117	49000	19.72	ng/ul	95
20) Nitrobenzene	9.313	77	155146	20.69	ng/ul#	94
21) Isophorone	9.836	82	280480	18.75	ng/ul	100
23) 2-Nitrophenol	10.030	139	69117	23.75	ng/ul	93
24) 2,4-Dimethylphenol	10.083	107	149521	20.51	ng/ul	95
25) Bis(2-Chloroethoxy)met...	10.318	93	160526	18.42	ng/ul	95
27) 2,4-Dichlorophenol	10.565	162	132488	21.65	ng/ul	97
28) Naphthalene	10.976	128	389637	20.04	ng/ul	96
30) 4-Chloroaniline	11.070	127	157350	21.64	ng/ul	98
31) Hexachlorobutadiene	11.258	225	108356	20.61	ng/ul	90
32) Caprolactam	11.822	113	43292m	20.51	ng/ul	
33) 4-Chloro-3-methylphenol	12.181	107	143254	21.42	ng/ul	94
34) 2-Methylnaphthalene	12.574	142	291003	20.47	ng/ul	98
35) 1-Methylnaphthalene	12.786	142	267085	19.39	ng/uL	99
37) 1,2,4,5-Tetrachloroben...	12.933	216	194439	20.66	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.915	237	91819	15.08	ng/ul#	88
39) 2,4,6-Trichlorophenol	13.168	196	124782	22.40	ng/ul	96
40) 2,4,5-Trichlorophenol	13.238	196	131805	22.30	ng/ul	99
41) 1,1'-Biphenyl	13.573	154	392405	19.84	ng/ul	99
42) 2-Chloronaphthalene	13.614	162	308342	19.46	ng/ul	97
43) 2-Nitroaniline	13.808	65	103140	24.58	ng/ul	97
45) Dimethylphthalate	14.184	163	384107	19.32	ng/ul	97
46) 2,6-Dinitrotoluene	14.302	165	84888	24.13	ng/ul	92
48) Acenaphthylene	14.460	152	457430	19.90	ng/ul	99
49) 3-Nitroaniline	14.625	138	82261	23.47	ng/ul#	95
50) Acenaphthene	14.801	153	320207	19.58	ng/ul	99
51) 2,4-Dinitrophenol	14.830	184	45377	21.47	ng/ul#	87
53) 4-Nitrophenol	14.924	109	73567	22.17	ng/ul	88
54) Dibenzofuran	15.130	168	483239	20.11	ng/ul	99
55) 2,4-Dinitrotoluene	15.083	165	118347	24.31	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.353	232	127833	23.21	ng/ul	95
57) Diethylphthalate	15.547	149	388679	19.56	ng/ul	97
59) Fluorene	15.782	166	382498	19.60	ng/ul	95
60) 4-Chlorophenyl-phenyle...	15.770	204	222097	19.77	ng/ul	98
61) 4-Nitroaniline	15.788	138	85952	22.31	ng/ul	98
64) 4,6-Dinitro-2-methylph...	15.847	198	68756	21.31	ng/ul	98
65) N-Nitrosodiphenylamine	15.982	169	347016	20.50	ng/ul	95
66) 4-Bromophenyl-phenylether	16.664	248	152215	20.73	ng/ul	98
67) Hexachlorobenzene	16.781	284	128690	20.33	ng/ul	98
68) Atrazine	16.928	200	145913	20.80	ng/ul	98
69) Pentachlorophenol	17.122	266	104480	22.57	ng/ul	94
70) Phenanthrene	17.521	178	632837	19.68	ng/ul	99
72) Anthracene	17.609	178	646391	19.84	ng/ul	99
73) 1,2,3,4-Tetrachloroben...	13.538	216	198080	21.82	ng/uL	97
74) Pentachlorobenzene	15.054	250	194531	21.09	ng/uL	95
75) Carbazole	17.874	167	555702	21.40	ng/ul	99
76) Di-n-butylphthalate	18.432	149	645432	20.04	ng/ul	100
77) Fluoranthene	19.525	202	754880	19.77	ng/ul	99
80) Pyrene	19.883	202	745700	19.66	ng/ul	98
81) Butylbenzylphthalate	20.765	149	278890	21.10	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.646	252	271269	19.66	ng/ul	95
83) Benzo(a)anthracene	21.734	228	761904	19.74	ng/ul	99
84) Bis(2-ethylhexyl)phtha...	21.640	149	399679	20.34	ng/ul	99
85) Chrysene	21.799	228	737398	19.69	ng/ul	98
87) Di-n-octyl phthalate	22.874	149	686530	20.01	ng/ul	100
88) Benzo(b)fluoranthene	23.984	252	775482	18.71	ng/ul	99
89) Benzo(k)fluoranthene	24.055	252	745308	18.45	ng/ul	99
91) Benzo(a)pyrene	24.872	252	674782	17.82	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.755	276	872973	18.79	ng/ul	99
93) Dibenzo(a,h)anthracene	28.826	278	713250	18.53	ng/ul	96
94) Benzo(g,h,i)perylene	29.924	276	718783m	18.47	ng/ul	

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

