

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
 Data File : BG050738.D
 Acq On : 27 Oct 2021 10:13
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020531

Manual Integrations
 APPROVED

mohammad
 10/28/2021 11:14:06 AM

Quant Time: Oct 27 12:34:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 26 18:31:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	31061	20.000	ng/u1	0.00
20) Naphthalene-d8	11.078	136	143567	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.874	164	97644	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.624	188	222616	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.930	240	185438	20.000	ng/u1	# 0.00
88) Perylene-d12	25.356	264	183886	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.599	96	7278	9.232	ng/uL	0.00
4) Pyridine-d5	4.028	84	55881	22.384	ng/u1	0.00
7) Phenol-d5	7.389	99	64321	22.284	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.559	67	41514	22.355	ng/u1	0.00
11) 2-Chlorophenol-d4	7.776	132	46740	23.053	ng/u1	0.00
15) 4-Methylphenol-d8	8.946	113	50073	22.469	ng/u1	0.00
21) Nitrobenzene-d5	9.422	128	23924	21.832	ng/u1	0.00
24) 2-Nitrophenol-d4	10.150	143	27150	21.970	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.691	165	46914	21.617	ng/u1	0.00
31) 4-Chloroaniline-d4	11.208	131	71882	22.569	ng/u1	0.00
46) Dimethylphthalate-d6	14.269	166	152936	22.178	ng/u1	0.00
49) Acenaphthylene-d8	14.574	160	190390	22.231	ng/u1	0.00
54) 4-Nitrophenol-d4	15.062	143	27531	22.060	ng/u1	0.00
60) Fluorene-d10	15.867	176	130883	22.086	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.979	200	25774	19.785	ng/u1	0.00
73) Anthracene-d10	17.724	188	209484	21.947	ng/u1	0.00
81) Pyrene-d10	19.997	212	229539	21.721	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.121	264	203429	21.502	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.640	88	9310	9.520	ng/uL	96
5) Pyridine	4.046	79	58784	22.645	ng/u1	100
6) Benzaldehyde	7.383	77	31187	21.655	ng/u1	99
8) Phenol	7.418	94	68001	22.584	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.653	93	51535	22.686	ng/u1	97
12) 2-Chlorophenol	7.806	128	46214	22.678	ng/u1#	90
13) 2-Methylphenol	8.681	108	50724	22.753	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.769	45	83079	23.165	ng/u1	98
16) Acetophenone	9.075	105	81822	23.443	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.051	70	49826	23.603	ng/u1	93
18) 4-Methylphenol	9.010	108	54120	23.018	ng/u1	95
19) Hexachloroethane	9.339	117	19649	22.344	ng/u1	96
22) Nitrobenzene	9.463	77	70241	22.055	ng/u1	99
23) Isophorone	9.986	82	134527	22.220	ng/u1	99
25) 2-Nitrophenol	10.180	139	28192	21.893	ng/u1	96
26) 2,4-Dimethylphenol	10.227	107	60994	21.667	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.462	93	73565	22.410	ng/u1	95
29) 2,4-Dichlorophenol	10.714	162	45496	21.699	ng/u1	96
30) Naphthalene	11.125	128	159143	21.730	ng/u1	97
32) 4-Chloroaniline	11.231	127	73566	22.998	ng/u1	97
33) Hexachlorobutadiene	11.402	225	29978	21.097	ng/u1	98
34) Caprolactam	11.983	113	18308m	21.037	ng/u1	
35) 4-Chloro-3-methylphenol	12.336	107	57727	22.114	ng/u1	97
36) 2-Methylnaphthalene	12.718	142	108073	22.064	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.935	142	109804	22.195	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.076	216	58050	21.400	ng/ul#	98
40) Hexachlorocyclopentadiene	13.053	237	25926	17.782	ng/ul	94
41) 2,4,6-Trichlorophenol	13.311	196	38120	21.350	ng/ul	92
42) 2,4,5-Trichlorophenol	13.388	196	42164	22.376	ng/ul	93
43) 1,1'-Biphenyl	13.711	154	148613	21.967	ng/ul	99
44) 2-Chloronaphthalene	13.758	162	114977	21.946	ng/ul	97
45) 2-Nitroaniline	13.957	65	46402	22.206	ng/ul	91
47) Dimethylphthalate	14.316	163	154272	22.279	ng/ul	99
48) 2,6-Dinitrotoluene	14.445	165	32515	22.787	ng/ul	91
50) Acenaphthylene	14.604	152	193551	22.106	ng/ul	97
51) 3-Nitroaniline	14.774	138	25678	18.623	ng/ul#	83
52) Acenaphthene	14.939	153	125650	21.967	ng/ul	99
53) 2,4-Dinitrophenol	14.992	184	14469	18.180	ng/ul#	80
55) 4-Nitrophenol	15.074	109	25186	20.986	ng/ul	90
56) Dibenzofuran	15.274	168	177198	21.910	ng/ul	98
57) 2,4-Dinitrotoluene	15.232	165	46101	22.517	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.497	232	32059	21.826	ng/ul#	85
59) Diethylphthalate	15.667	149	164855	22.286	ng/ul	96
61) Fluorene	15.920	166	143014	22.278	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.908	204	74526	22.012	ng/ul	96
63) 4-Nitroaniline	15.937	138	20611	15.969	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.996	198	25481	20.248	ng/ul#	95
67) N-Nitrosodiphenylamine	16.120	169	127555	21.564	ng/ul	98
68) 4-Bromophenyl-phenylether	16.801	248	44239	21.092	ng/ul	92
69) Hexachlorobenzene	16.925	284	46430	21.675	ng/ul	97
70) Atrazine	17.060	200	53859	21.268	ng/ul	99
71) Pentachlorophenol	17.271	266	18610	17.048	ng/ul	98
72) Phenanthrene	17.665	178	238709	21.450	ng/ul	98
74) Anthracene	17.759	178	244669	22.040	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.681	216	62713	21.069	ng/ul	96
76) Pentachlorobenzene	15.191	250	57311	20.848	ng/ul	98
77) Carbazole	18.023	167	226994	22.021	ng/ul	98
78) Di-n-butylphthalate	18.558	149	286306	21.992	ng/ul	100
80) Fluoranthene	19.668	202	291572	21.648	ng/ul	99
82) Pyrene	20.027	202	286265	21.736	ng/ul	96
83) Butylbenzylphthalate	20.896	149	121664	21.791	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.813	252	84589	20.565	ng/ul	99
85) Benzo(a)anthracene	21.907	228	255582	21.732	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.778	149	176931	22.268	ng/ul	96
87) Chrysene	21.977	228	244712	21.854	ng/ul	98
89) Di-n-octyl phthalate	23.059	149	296342	22.135	ng/ul	100
90) Benzo(b)fluoranthene	24.263	252	259063	22.072	ng/ul	99
91) Benzo(k)fluoranthene	24.334	252	236188	21.592	ng/ul	98
93) Benzo(a)pyrene	25.191	252	243913	21.681	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.292	276	268802	21.622	ng/ul	97
95) Dibenzo(a,h)anthracene	29.363	278	229361	21.451	ng/ul	99
96) Benzo(g,h,i)perylene	30.538	276	224839	21.649	ng/ul	96

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

