

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
 Data File : BG050915.D
 Acq On : 9 Nov 2021 18:59
 Operator : CG/JU
 Sample : PB140594BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS594

Quant Time: Nov 10 06:59:10 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 02 14:49:05 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/10/2021
 Supervised By :mohammad ahmed 11/11/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	35467	20.000	ng/u1	0.00
20) Naphthalene-d8	11.055	136	158271	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.851	164	104256	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.595	188	231843	20.000	ng/u1	-0.01
79) Chrysene-d12	21.890	240	196311	20.000	ng/u1	-0.02
88) Perylene-d12	25.292	264	199394	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.593	96	6362	5.789	ng/uL	0.00
4) Pyridine-d5	4.011	84	93693	28.500	ng/u1	0.00
7) Phenol-d5	7.371	99	108459	28.665	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	69308	28.357	ng/u1	0.00
11) 2-Chlorophenol-d4	7.753	132	76052	29.003	ng/u1	-0.01
15) 4-Methylphenol-d8	8.928	113	83540	28.046	ng/u1	0.00
21) Nitrobenzene-d5	9.404	128	40614	30.196	ng/u1	0.00
24) 2-Nitrophenol-d4	10.127	143	43294	28.949	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.668	165	75568	29.997	ng/u1	0.00
31) 4-Chloroaniline-d4	11.185	131	95222	24.960	ng/u1	0.00
46) Dimethylphthalate-d6	14.246	166	241050	30.221	ng/u1	0.00
49) Acenaphthylene-d8	14.545	160	301886	30.379	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.039	143	42206	29.184	ng/u1	0.00
60) Fluorene-d10	15.838	176	211847	29.982	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.955	200	38451	27.355	ng/u1	0.00
73) Anthracene-d10	17.695	188	329693	30.078	ng/u1	-0.01
81) Pyrene-d10	19.968	212	379109	29.899	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.057	264	321380	29.156	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.623	88	15473	12.820	ng/uL	96
5) Pyridine	4.034	79	99641	29.281	ng/u1	98
6) Benzaldehyde	7.360	77	76334	31.986	ng/u1	95
8) Phenol	7.401	94	117425	30.001	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.636	93	88790	30.307	ng/u1	99
12) 2-Chlorophenol	7.789	128	80161	30.109	ng/u1	98
13) 2-Methylphenol	8.664	108	85881	29.685	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.746	45	137132	29.717	ng/u1	98
16) Acetophenone	9.058	105	131923	28.509	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.028	70	80955	28.996	ng/u1	98
18) 4-Methylphenol	8.987	108	91487	29.700	ng/u1	97
19) Hexachloroethane	9.322	117	33336	29.947	ng/u1	95
22) Nitrobenzene	9.445	77	118231	31.518	ng/u1	99
23) Isophorone	9.962	82	220342	30.266	ng/u1	99
25) 2-Nitrophenol	10.162	139	48448	32.290	ng/u1	99
26) 2,4-Dimethylphenol	10.203	107	103634	31.385	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.438	93	121344	30.934	ng/u1	98
29) 2,4-Dichlorophenol	10.691	162	77298	31.456	ng/u1	97
30) Naphthalene	11.102	128	269705	31.163	ng/u1	97
32) 4-Chloroaniline	11.208	127	96545	25.486	ng/u1	99
33) Hexachlorobutadiene	11.373	225	51113	31.692	ng/u1	97
34) Caprolactam	11.966	113	29675	28.445	ng/u1	93
35) 4-Chloro-3-methylphenol	12.313	107	96755	30.823	ng/u1	97
36) 2-Methylnaphthalene	12.695	142	179549	30.452	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.912	142	181018	30.299	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.053	216	96271	31.691	ng/ul	95
40) Hexachlorocyclopentadiene	13.029	237	40315	27.636	ng/ul	96
41) 2,4,6-Trichlorophenol	13.288	196	61723	31.051	ng/ul	98
42) 2,4,5-Trichlorophenol	13.364	196	68466	32.082	ng/ul	99
43) 1,1'-Biphenyl	13.688	154	238654	31.318	ng/ul	99
44) 2-Chloronaphthalene	13.735	162	186525	31.235	ng/ul	97
45) 2-Nitroaniline	13.934	65	74445	31.377	ng/ul	95
47) Dimethylphthalate	14.293	163	251702	31.560	ng/ul	99
48) 2,6-Dinitrotoluene	14.422	165	53041	31.776	ng/ul	95
50) Acenaphthylene	14.581	152	312862	31.413	ng/ul	99
51) 3-Nitroaniline	14.757	138	50281	29.124	ng/ul	92
52) Acenaphthene	14.915	153	207430	31.674	ng/ul	96
53) 2,4-Dinitrophenol	14.962	184	21658	23.520	ng/ul	91
55) 4-Nitrophenol	15.051	109	39442	29.737	ng/ul	98
56) Dibenzofuran	15.250	168	290241	30.962	ng/ul	99
57) 2,4-Dinitrotoluene	15.209	165	77159	32.389	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.468	232	52435	31.265	ng/ul	96
59) Diethylphthalate	15.644	149	268987	31.509	ng/ul	99
61) Fluorene	15.897	166	231737	31.233	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.879	204	121682	31.495	ng/ul	98
63) 4-Nitroaniline	15.920	138	54261	31.681	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.973	198	39294	28.666	ng/ul#	96
67) N-Nitrosodiphenylamine	16.091	169	206279	31.830	ng/ul	98
68) 4-Bromophenyl-phenylether	16.778	248	74052	32.110	ng/ul	95
69) Hexachlorobenzene	16.896	284	75723	31.939	ng/ul	98
70) Atrazine	17.031	200	82984	30.196	ng/ul	100
71) Pentachlorophenol	17.242	266	28308	26.007	ng/ul	92
72) Phenanthrene	17.642	178	393917	31.830	ng/ul	99
74) Anthracene	17.730	178	387998	31.247	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.658	216	99989	31.674	ng/ul	97
76) Pentachlorobenzene	15.168	250	90298	30.871	ng/ul	98
77) Carbazole	18.000	167	364365	32.738	ng/ul	99
78) Di-n-butylphthalate	18.529	149	464130	31.737	ng/ul	100
80) Fluoranthene	19.639	202	478638	31.455	ng/ul	99
82) Pyrene	19.998	202	463755	31.191	ng/ul	99
83) Butylbenzylphthalate	20.861	149	202006	31.595	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.778	252	128188	26.813	ng/ul	98
85) Benzo(a)anthracene	21.872	228	428101	31.500	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.743	149	289056	31.495	ng/ul	99
87) Chrysene	21.943	228	406376	31.301	ng/ul	99
89) Di-n-octyl phthalate	23.012	149	492531	30.341	ng/ul	100
90) Benzo(b)fluoranthene	24.205	252	441637	31.091	ng/ul	99
91) Benzo(k)fluoranthene	24.275	252	398681	29.910	ng/ul	98
93) Benzo(a)pyrene	25.133	252	413209	30.543	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.193	276	464926	30.871	ng/ul	97
95) Dibenzo(a,h)anthracene	29.252	278	390675	30.658	ng/ul	97
96) Benzo(g,h,i)perylene	30.421	276	385200m	30.556	ng/ul	

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

