

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
 Data File : BG049564.D
 Acq On : 29 Jul 2021 18:01
 Operator : CG/JU
 Sample : PB137967BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS967

Manual Integrations
 APPROVED

mohammad
 7/30/2021 12:00:12 PM

Quant Time: Jul 30 05:25:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 26 11:36:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	17661	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	79910	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.699	164	60051	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.448	188	141503m	20.000	ng/u1	0.00
79) Chrysene-d12	21.731	240	135158	20.000	ng/u1	0.00
88) Perylene-d12	25.009	264	140619	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.432	96	2716	7.036	ng/uL	0.00
4) Pyridine-d5	3.849	84	37809	34.100	ng/u1	0.00
7) Phenol-d5	7.203	99	58058	37.156	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.368	67	30611	34.590	ng/u1	0.00
11) 2-Chlorophenol-d4	7.579	132	42214	37.689	ng/u1	0.00
15) 4-Methylphenol-d8	8.754	113	44417	37.712	ng/u1	0.00
21) Nitrobenzene-d5	9.212	128	21186	34.484	ng/u1	0.00
24) 2-Nitrophenol-d4	9.941	143	25559	35.501	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	44933	34.316	ng/u1	0.00
31) 4-Chloroaniline-d4	10.998	131	56059	30.720	ng/u1	0.00
46) Dimethylphthalate-d6	14.094	166	157963	34.340	ng/u1	0.00
49) Acenaphthylene-d8	14.394	160	191756	35.890	ng/u1	0.00
54) 4-Nitrophenol-d4	14.893	143	27520	36.329	ng/u1	0.00
60) Fluorene-d10	15.692	176	143393	36.184	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	31015m	35.371	ng/u1	0.00
73) Anthracene-d10	17.548	188	235086	35.746	ng/u1	0.00
81) Pyrene-d10	19.833	212	269455	38.989	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.785	264	255818	34.613	ng/u1	0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.467	88	5230	9.912	ng/uL#	70
5) Pyridine	3.873	79	40867	34.457	ng/u1	98
6) Benzaldehyde	7.180	77	37982	40.736	ng/u1	98
8) Phenol	7.227	94	57409	37.611	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.462	93	37353	35.520	ng/u1	99
12) 2-Chlorophenol	7.609	128	42369	39.292	ng/u1	97
13) 2-Methylphenol	8.490	108	45404	39.028	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.578	45	43614	35.391	ng/u1#	96
16) Acetophenone	8.872	105	71034	37.473	ng/u1#	91
17) N-Nitroso-di-n-propyla...	8.854	70	37275	38.133	ng/u1#	88
18) 4-Methylphenol	8.819	108	47540	38.844	ng/u1	86
19) Hexachloroethane	9.136	117	18535	38.155	ng/u1#	84
22) Nitrobenzene	9.259	77	62412	34.023	ng/u1	97
23) Isophorone	9.782	82	105015	34.164	ng/u1	99
25) 2-Nitrophenol	9.976	139	25419	37.517	ng/u1#	85
26) 2,4-Dimethylphenol	10.029	107	57302	35.487	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.264	93	52531	34.265	ng/u1	98
29) 2,4-Dichlorophenol	10.516	162	45107	35.240	ng/u1	99
30) Naphthalene	10.922	128	141829	34.457	ng/u1	97
32) 4-Chloroaniline	11.028	127	56092	32.313	ng/u1	92
33) Hexachlorobutadiene	11.204	225	34141	34.887	ng/u1	90
34) Caprolactam	11.779	113	16677m	38.309	ng/u1	
35) 4-Chloro-3-methylphenol	12.150	107	56995	39.574	ng/u1	95
36) 2-Methylnaphthalene	12.526	142	107534	35.695	ng/u1	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
 Data File : BG049564.D
 Acq On : 29 Jul 2021 18:01
 Operator : CG/JU
 Sample : PB137967BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS967

Manual Integrations
 APPROVED

mohammad
 7/30/2021 12:00:12 PM

Quant Time: Jul 30 05:25:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 26 11:36:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.743	142	106711	35.054	ng/ul	89
39) 1,2,4,5-Tetrachloroben...	12.890	216	60307	33.789	ng/ul	89
40) Hexachlorocyclopentadiene	12.872	237	20489	19.052	ng/ul	99
41) 2,4,6-Trichlorophenol	13.131	196	40613	37.028	ng/ul#	79
42) 2,4,5-Trichlorophenol	13.207	196	43551	37.181	ng/ul	99
43) 1,1'-Biphenyl	13.530	154	144820	33.866	ng/ul	95
44) 2-Chloronaphthalene	13.577	162	115530	34.719	ng/ul	97
45) 2-Nitroaniline	13.777	65	46440	39.326	ng/ul	96
47) Dimethylphthalate	14.141	163	149230	33.360	ng/ul	99
48) 2,6-Dinitrotoluene	14.270	165	33447	37.465	ng/ul#	90
50) Acenaphthylene	14.417	152	179139	35.110	ng/ul	96
51) 3-Nitroaniline	14.599	138	33105	37.180	ng/ul	97
52) Acenaphthene	14.764	153	127860	34.940	ng/ul	99
53) 2,4-Dinitrophenol	14.811	184	16533	37.170	ng/ul	87
55) 4-Nitrophenol	14.911	109	37645	36.648	ng/ul	97
56) Dibenzofuran	15.098	168	181963	36.825	ng/ul	100
57) 2,4-Dinitrotoluene	15.057	165	49504	39.119	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.322	232	42034	39.544	ng/ul#	98
59) Diethylphthalate	15.510	149	158086	34.146	ng/ul	96
61) Fluorene	15.745	166	150946	35.984	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.733	204	79819	36.553	ng/ul	89
63) 4-Nitroaniline	15.762	138	34685	39.283	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.827	198	27397m	33.942	ng/ul	
67) N-Nitrosodiphenylamine	15.950	169	132426	35.710	ng/ul	99
68) 4-Bromophenyl-phenylether	16.632	248	54825	34.797	ng/ul	91
69) Hexachlorobenzene	16.755	284	63860	35.823	ng/ul	95
70) Atrazine	16.896	200	58307	34.425	ng/ul	99
71) Pentachlorophenol	17.102	266	31075	37.648	ng/ul	91
72) Phenanthrene	17.489	178	260216m	35.324	ng/ul	
74) Anthracene	17.583	178	257412	34.483	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.501	216	63123	32.829	ng/uL	98
76) Pentachlorobenzene	15.016	250	72452	35.614	ng/uL	98
77) Carbazole	17.854	167	230660	34.562	ng/ul	97
78) Di-n-butylphthalate	18.400	149	285469	34.397	ng/ul	100
80) Fluoranthene	19.498	202	315421	37.588	ng/ul	98
82) Pyrene	19.863	202	312241	37.477	ng/ul	99
83) Butylbenzylphthalate	20.738	149	123044	37.933	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.625	252	107470	34.606	ng/ul	99
85) Benzo(a)anthracene	21.713	228	299952	36.299	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.607	149	175751	36.509	ng/ul	99
87) Chrysene	21.778	228	282358	35.699	ng/ul	98
89) Di-n-octyl phthalate	22.835	149	289606	35.036	ng/ul	100
90) Benzo(b)fluoranthene	23.963	252	311181	35.307	ng/ul	96
91) Benzo(k)fluoranthene	24.033	252	304192m	35.266	ng/ul	
93) Benzo(a)pyrene	24.856	252	273110	35.719	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.762	276	357620	36.656	ng/ul	98
95) Dibenzo(a,h)anthracene	28.833	278	294162	36.436	ng/ul	99
96) Benzo(g,h,i)perylene	29.937	276	293995	36.245	ng/ul#	92

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

