

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120121\
 Data File : BG051290.D
 Acq On : 1 Dec 2021 18:07
 Operator : CG/JU
 Sample : PB141091BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS091

Quant Time: Dec 01 18:49:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2021
 Supervised By :mohammad ahmed 12/05/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.188	152	28533	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.020	136	123394	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.822	164	81168	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.572	188	177933	20.000	ng/ul	0.00
79) Chrysene-d12	21.872	240	156456	20.000	ng/ul	0.00
88) Perylene-d12	25.274	264	155833	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	5148	6.270	ng/uL	-0.01
4) Pyridine-d5	3.958	84	77848	32.311	ng/ul	-0.02
7) Phenol-d5	7.354	99	97542	34.589	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.507	67	62330	35.193	ng/ul	0.00
11) 2-Chlorophenol-d4	7.724	132	70953	34.940	ng/ul	0.00
15) 4-Methylphenol-d8	8.905	113	77104	33.882	ng/ul	0.00
21) Nitrobenzene-d5	9.369	128	37687	36.181	ng/ul	0.00
24) 2-Nitrophenol-d4	10.098	143	42484	36.157	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.644	165	72277	36.255	ng/ul	0.00
31) 4-Chloroaniline-d4	11.156	131	90957	31.181	ng/ul	0.00
46) Dimethylphthalate-d6	14.217	166	223429	35.775	ng/ul	0.00
49) Acenaphthylene-d8	14.522	160	282901	35.922	ng/ul	0.00
54) 4-Nitrophenol-d4	15.045	143	32751	32.397	ng/ul	0.00
60) Fluorene-d10	15.815	176	199423	35.459	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.950	200	37751	34.383	ng/ul	0.00
73) Anthracene-d10	17.677	188	305916	35.948	ng/ul	0.00
81) Pyrene-d10	19.951	212	351235	37.102	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.039	264	308018	37.010	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.570	88	12160	13.132	ng/uL	94
5) Pyridine	3.982	79	79005	31.513	ng/ul	97
6) Benzaldehyde	7.325	77	61747	34.382	ng/ul	95
8) Phenol	7.378	94	102062	34.936	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.601	93	77344	34.995	ng/ul	96
12) 2-Chlorophenol	7.754	128	72047	34.816	ng/ul	97
13) 2-Methylphenol	8.641	108	74686	34.322	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.711	45	112413	35.247	ng/ul	98
16) Acetophenone	9.023	105	119239	33.875	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.993	70	70423	34.816	ng/ul	98
18) 4-Methylphenol	8.970	108	79894	34.336	ng/ul	98
19) Hexachloroethane	9.275	117	29195	33.402	ng/ul	96
22) Nitrobenzene	9.416	77	102064	37.369	ng/ul	97
23) Isophorone	9.933	82	194419	36.639	ng/ul	99
25) 2-Nitrophenol	10.127	139	42909	35.257	ng/ul	98
26) 2,4-Dimethylphenol	10.180	107	90659	36.434	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.409	93	108267	36.959	ng/ul	98
29) 2,4-Dichlorophenol	10.674	162	69067	35.194	ng/ul	97
30) Naphthalene	11.073	128	236042	35.156	ng/ul	98
32) 4-Chloroaniline	11.185	127	92171	31.474	ng/ul	97
33) Hexachlorobutadiene	11.332	225	45597	33.686	ng/ul	98
34) Caprolactam	11.943	113	27222m	35.285	ng/ul	
35) 4-Chloro-3-methylphenol	12.301	107	85797	36.395	ng/ul	95
36) 2-Methylnaphthalene	12.666	142	159480	34.921	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.883	142	161317	34.334	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.024	216	91708	35.989	ng/ul	99
40) Hexachlorocyclopentadiene	12.989	237	17085	16.588	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.271	196	56166	35.124	ng/ul	100
42) 2,4,5-Trichlorophenol	13.353	196	59308	35.417	ng/ul	97
43) 1,1'-Biphenyl	13.659	154	216049	35.637	ng/ul	98
44) 2-Chloronaphthalene	13.711	162	169707	35.191	ng/ul	98
45) 2-Nitroaniline	13.917	65	63653	38.138	ng/ul	94
47) Dimethylphthalate	14.264	163	222588	35.211	ng/ul	99
48) 2,6-Dinitrotoluene	14.405	165	47093	35.465	ng/ul	96
50) Acenaphthylene	14.552	152	273095	35.099	ng/ul	99
51) 3-Nitroaniline	14.740	138	47523	36.206	ng/ul	95
52) Acenaphthene	14.886	153	182846	35.633	ng/ul	98
53) 2,4-Dinitrophenol	14.963	184	18135	24.708	ng/ul	88
55) 4-Nitrophenol	15.057	109	28709	32.737	ng/ul	96
56) Dibenzofuran	15.221	168	256190	34.614	ng/ul	97
57) 2,4-Dinitrotoluene	15.198	165	68884	36.320	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.451	232	43136	32.804	ng/ul	98
59) Diethylphthalate	15.621	149	237579	35.804	ng/ul	99
61) Fluorene	15.874	166	206972	34.911	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.850	204	110454	34.571	ng/ul	97
63) 4-Nitroaniline	15.903	138	50656	39.658	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.962	198	35141	33.186	ng/ul#	99
67) N-Nitrosodiphenylamine	16.073	169	185580	36.432	ng/ul	97
68) 4-Bromophenyl-phenylether	16.749	248	67704	35.502	ng/ul	94
69) Hexachlorobenzene	16.872	284	70290	36.147	ng/ul	98
70) Atrazine	17.013	200	70422	32.895	ng/ul	98
71) Pentachlorophenol	17.231	266	18815	21.836	ng/ul	100
72) Phenanthrene	17.619	178	352301	35.860	ng/ul	99
74) Anthracene	17.713	178	348044	35.671	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.629	216	94781	36.519	ng/ul	99
76) Pentachlorobenzene	15.145	250	82978	34.313	ng/ul	98
77) Carbazole	17.983	167	319258	37.277	ng/ul	98
78) Di-n-butylphthalate	18.506	149	405739	36.742	ng/ul	99
80) Fluoranthene	19.622	202	434186	37.342	ng/ul	98
82) Pyrene	19.981	202	421269	37.038	ng/ul	99
83) Butylbenzylphthalate	20.844	149	178727	37.798	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.761	252	127250	34.933	ng/ul	98
85) Benzo(a)anthracene	21.855	228	384549	36.238	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.714	149	254994	37.476	ng/ul	99
87) Chrysene	21.925	228	370001	36.295	ng/ul	99
89) Di-n-octyl phthalate	22.977	149	432637	38.322	ng/ul	100
90) Benzo(b)fluoranthene	24.187	252	382828	36.402	ng/ul	99
91) Benzo(k)fluoranthene	24.258	252	366533	37.140	ng/ul	99
93) Benzo(a)pyrene	25.110	252	365390	36.418	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.193	276	408446	36.380	ng/ul	97
95) Dibenzo(a,h)anthracene	29.240	278	346007	36.327	ng/ul	96
96) Benzo(g,h,i)perylene	30.409	276	346271	36.657	ng/ul	97

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

