

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062122\
 Data File : BG054008.D
 Acq On : 22 Jun 2022 12:39
 Operator : CG/JU
 Sample : PB145728BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS728

Quant Time: Jun 23 01:13:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 15:29:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/23/2022
 Supervised By :mohammad ahmed 06/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	20131	20.000	ng/u1	0.00
20) Naphthalene-d8	10.885	136	82047	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	60562	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.448	188	158112	20.000	ng/u1	0.00
79) Chrysene-d12	21.725	240	172247	20.000	ng/u1	# 0.00
88) Perylene-d12	24.980	264	175419	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.505	96	3143	7.428	ng/uL	0.00
4) Pyridine-d5	3.916	84	44681	38.826	ng/u1	0.00
7) Phenol-d5	7.236	99	56936	39.478	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67	34782	39.981	ng/u1	0.00
11) 2-Chlorophenol-d4	7.612	132	45525	39.585	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	47373	38.524	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	22382	36.752	ng/u1	0.00
24) 2-Nitrophenol-d4	9.962	143	27036	41.782	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.503	165	54353	37.966	ng/u1	0.00
31) 4-Chloroaniline-d4	11.014	131	58346	32.260	ng/u1	0.00
46) Dimethylphthalate-d6	14.105	166	178986	37.568	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	197762	38.173	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	26661	40.868	ng/u1	0.01
60) Fluorene-d10	15.691	176	161097	37.643	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	35054	40.642	ng/u1	0.00
73) Anthracene-d10	17.542	188	266383	37.306	ng/u1	0.00
81) Pyrene-d10	19.827	212	347220	38.662	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.757	264	347526	39.248	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.540	88	6627	14.353	ng/uL#	85
5) Pyridine	3.934	79	42559	35.661	ng/u1	95
6) Benzaldehyde	7.213	77	39586	53.902	ng/u1	97
8) Phenol	7.265	94	55706	37.018	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.495	93	42313	37.121	ng/u1	89
12) 2-Chlorophenol	7.642	128	43226	36.813	ng/u1	99
13) 2-Methylphenol	8.517	108	42327	36.235	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.605	45	65128	38.465	ng/u1	99
16) Acetophenone	8.899	105	69677	36.638	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.881	70	34858	35.956	ng/u1	95
18) 4-Methylphenol	8.846	108	45658	36.537	ng/u1	97
19) Hexachloroethane	9.169	117	17710	35.593	ng/u1#	90
22) Nitrobenzene	9.281	77	53160	36.648	ng/u1#	89
23) Isophorone	9.804	82	99142	35.251	ng/u1	99
25) 2-Nitrophenol	9.992	139	25938	38.228	ng/u1	93
26) 2,4-Dimethylphenol	10.050	107	50899	34.354	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.285	93	57681	36.431	ng/u1	98
29) 2,4-Dichlorophenol	10.532	162	50646	35.376	ng/u1	95
30) Naphthalene	10.938	128	142930	35.118	ng/u1	100
32) 4-Chloroaniline	11.038	127	55049	30.694	ng/u1	98
33) Hexachlorobutadiene	11.226	225	45369	32.444	ng/u1	97
34) Caprolactam	11.795	113	14963m	35.024	ng/u1	
35) 4-Chloro-3-methylphenol	12.160	107	48750	35.409	ng/u1	98
36) 2-Methylnaphthalene	12.536	142	101430	33.689	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.753	142	101169	33.694	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.900	216	82352	33.454	ng/ul	99
40) Hexachlorocyclopentadiene	12.888	237	40845	29.585	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.141	196	47837	37.442	ng/ul	95
42) 2,4,5-Trichlorophenol	13.211	196	53805	37.251	ng/ul	100
43) 1,1'-Biphenyl	13.540	154	148680	35.421	ng/ul	99
44) 2-Chloronaphthalene	13.582	162	121866	34.961	ng/ul	99
45) 2-Nitroaniline	13.775	65	35279	40.229	ng/ul	98
47) Dimethylphthalate	14.152	163	165121	36.058	ng/ul	99
48) 2,6-Dinitrotoluene	14.269	165	36275	39.388	ng/ul	92
50) Acenaphthylene	14.428	152	187197	35.191	ng/ul	99
51) 3-Nitroaniline	14.598	138	31615	42.287	ng/ul#	93
52) Acenaphthene	14.768	153	131882	37.126	ng/ul	100
53) 2,4-Dinitrophenol	14.804	184	17044	39.948	ng/ul#	62
55) 4-Nitrophenol	14.904	109	23049	36.043	ng/ul	92
56) Dibenzofuran	15.097	168	191624	35.256	ng/ul	97
57) 2,4-Dinitrotoluene	15.056	165	51354	38.441	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.327	232	52150	41.551	ng/ul	93
59) Diethylphthalate	15.515	149	163901	36.504	ng/ul	98
61) Fluorene	15.750	166	159390	36.006	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.738	204	97586	34.670	ng/ul	93
63) 4-Nitroaniline	15.756	138	33569m	46.696	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.820	198	31881	38.506	ng/ul	99
67) N-Nitrosodiphenylamine	15.949	169	144087	37.275	ng/ul	96
68) 4-Bromophenyl-phenylether	16.631	248	70024	35.654	ng/ul	95
69) Hexachlorobenzene	16.754	284	80714	35.065	ng/ul#	92
70) Atrazine	16.895	200	69286	36.493	ng/ul	97
71) Pentachlorophenol	17.095	266	38375	39.332	ng/ul	88
72) Phenanthrene	17.489	178	285348	36.427	ng/ul	99
74) Anthracene	17.577	178	288038	36.486	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.505	216	89099	33.085	ng/uL	96
76) Pentachlorobenzene	15.021	250	86660	34.988	ng/uL	99
77) Carbazole	17.847	167	244939	37.632	ng/ul	100
78) Di-n-butylphthalate	18.405	149	286935	38.720	ng/ul	100
80) Fluoranthene	19.498	202	372679	37.172	ng/ul#	94
82) Pyrene	19.857	202	371740	37.295	ng/ul	97
83) Butylbenzylphthalate	20.738	149	125808	41.881	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.613	252	139349	39.093	ng/ul	95
85) Benzo(a)anthracene	21.701	228	397563	37.446	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.608	149	181154	41.270	ng/ul	99
87) Chrysene	21.772	228	367479	36.078	ng/ul	99
89) Di-n-octyl phthalate	22.835	149	312137	41.432	ng/ul	100
90) Benzo(b)fluoranthene	23.946	252	416865	38.485	ng/ul	98
91) Benzo(k)fluoranthene	24.016	252	395972	38.178	ng/ul	97
93) Benzo(a)pyrene	24.833	252	361200	34.617	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.711	276	494243	39.371	ng/ul	98
95) Dibenzo(a,h)anthracene	28.776	278	403422	38.186	ng/ul#	96
96) Benzo(g,h,i)perylene	29.874	276	392539	37.034	ng/ul	96

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

