

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062041.D
 Acq On : 12 Jul 2024 13:24
 Operator : MA/JU
 Sample : PB162020BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS020

Quant Time: Jul 12 14:43:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	55009	20.000	ng/u1	0.00
20) Naphthalene-d8	10.857	136	245888	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.676	164	164243	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.420	188	373557	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.686	240	328641	20.000	ng/u1	# 0.00
88) Perylene-d12	24.894	264	390692	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.442	96	10157	6.939	ng/uL	0.00
4) Pyridine-d5	3.859	84	108330	24.068	ng/u1	0.00
7) Phenol-d5	7.208	99	168267	27.951	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.367	67	94914	24.897	ng/u1	0.00
11) 2-Chlorophenol-d4	7.579	132	121803	29.497	ng/u1	0.00
15) 4-Methylphenol-d8	8.760	113	123718	26.102	ng/u1	0.01
21) Nitrobenzene-d5	9.212	128	60564	32.386	ng/u1	0.00
24) 2-Nitrophenol-d4	9.935	143	72349	33.878	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	139594	33.889	ng/u1	0.01
31) 4-Chloroaniline-d4	10.992	131	144989	24.244	ng/u1	0.00
46) Dimethylphthalate-d6	14.077	166	404924	29.988	ng/u1	0.00
49) Acenaphthylene-d8	14.376	160	453657	32.130	ng/u1	0.00
54) 4-Nitrophenol-d4	14.888	143	67036	31.088	ng/u1	0.01
60) Fluorene-d10	15.669	176	355352	31.261	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.787	200	52066	26.539	ng/u1	0.00
73) Anthracene-d10	17.520	188	534814	30.665	ng/u1	0.00
81) Pyrene-d10	19.805	212	615109	31.821	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.676	264	659552	34.039	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.477	88	13896	8.601	ng/uL#	86
5) Pyridine	3.877	79	116936	25.333	ng/u1	83
6) Benzaldehyde	7.179	77	90839	28.511	ng/u1	97
8) Phenol	7.238	94	170862	27.722	ng/u1#	88
10) Bis(2-Chloroethyl)ether	7.461	93	117224	24.758	ng/u1	95
12) 2-Chlorophenol	7.608	128	125851	29.915	ng/u1	97
13) 2-Methylphenol	8.489	108	123334	28.036	ng/u1	89
14) 2,2'-oxybis(1-Chloropr...	8.560	45	248981	24.070	ng/u1	98
16) Acetophenone	8.871	105	202711	25.891	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.848	70	109091	24.888	ng/u1	89
18) 4-Methylphenol	8.824	108	135757	27.557	ng/u1	96
19) Hexachloroethane	9.124	117	51725	28.342	ng/u1#	81
22) Nitrobenzene	9.253	77	164765	31.039	ng/u1	97
23) Isophorone	9.776	82	308735	25.744	ng/u1#	97
25) 2-Nitrophenol	9.970	139	74025	33.990	ng/u1	95
26) 2,4-Dimethylphenol	10.029	107	130717	25.079	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.258	93	168486	25.512	ng/u1	96
29) 2,4-Dichlorophenol	10.505	162	125682	32.482	ng/u1	94
30) Naphthalene	10.910	128	405708	30.038	ng/u1	96
32) 4-Chloroaniline	11.016	127	142047	24.207	ng/u1	98
33) Hexachlorobutadiene	11.174	225	104377	35.847	ng/u1	99
34) Caprolactam	11.791	113	40650m	26.815	ng/u1	
35) 4-Chloro-3-methylphenol	12.144	107	161678	31.374	ng/u1	88
36) 2-Methylnaphthalene	12.508	142	297782	30.432	ng/u1	95

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37) 1-Methylnaphthalene	12.731	142	296625	29.170	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.872	216	172482	34.970	ng/ul	97
40) Hexachlorocyclopentadiene	12.843	237	25766	7.847	ng/ul	99
41) 2,4,6-Trichlorophenol	13.113	196	102168	31.187	ng/ul	92
42) 2,4,5-Trichlorophenol	13.196	196	115908	32.208	ng/ul	95
43) 1,1'-Biphenyl	13.513	154	397087	31.378	ng/ul	98
44) 2-Chloronaphthalene	13.560	162	302495	31.850	ng/ul	97
45) 2-Nitroaniline	13.760	65	133215	35.026	ng/ul	94
47) Dimethylphthalate	14.124	163	381268	29.356	ng/ul	99
48) 2,6-Dinitrotoluene	14.253	165	83272	33.797	ng/ul	96
50) Acenaphthylene	14.406	152	467810	30.188	ng/ul	99
51) 3-Nitroaniline	14.588	138	81895	34.146	ng/ul#	94
52) Acenaphthene	14.741	153	329691	30.811	ng/ul	97
53) 2,4-Dinitrophenol	14.794	184	26120	20.291	ng/ul	97
55) 4-Nitrophenol	14.905	109	92237	37.478	ng/ul	88
56) Dibenzofuran	15.076	168	469858	31.068	ng/ul	91
57) 2,4-Dinitrotoluene	15.040	165	124789	34.535	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.299	232	93956	28.913	ng/ul#	90
59) Diethylphthalate	15.487	149	410399	29.323	ng/ul	98
61) Fluorene	15.722	166	389380	30.275	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.710	204	197469	30.567	ng/ul	95
63) 4-Nitroaniline	15.751	138	86829	35.679	ng/ul#	72
66) 4,6-Dinitro-2-methylph...	15.804	198	53965	25.559	ng/ul#	97
67) N-Nitrosodiphenylamine	15.928	169	321076	31.473	ng/ul	97
68) 4-Bromophenyl-phenylether	16.603	248	143042	33.753	ng/ul	93
69) Hexachlorobenzene	16.721	284	168885	34.657	ng/ul	96
70) Atrazine	16.868	200	28858	7.166	ng/ul#	86
71) Pentachlorophenol	17.067	266	69695	26.019	ng/ul	95
72) Phenanthrene	17.461	178	607258	30.830	ng/ul	99
74) Anthracene	17.555	178	610841	30.008	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.478	216	177191	38.191	ng/ul	97
76) Pentachlorobenzene	14.993	250	188954	35.708	ng/ul	98
77) Carbazole	17.825	167	545493	31.843	ng/ul	99
78) Di-n-butylphthalate	18.372	149	680929	30.960	ng/ul	99
80) Fluoranthene	19.471	202	707995	30.949	ng/ul#	92
82) Pyrene	19.835	202	739639	31.300	ng/ul#	92
83) Butylbenzylphthalate	20.704	149	299997	30.250	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.574	252	254778	32.587	ng/ul	97
85) Benzo(a)anthracene	21.662	228	756401	31.789	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.556	149	436901	30.701	ng/ul#	97
87) Chrysene	21.727	228	701365	31.486	ng/ul	98
89) Di-n-octyl phthalate	22.767	149	773826	32.420	ng/ul	100
90) Benzo(b)fluoranthene	23.877	252	791193	32.143	ng/ul#	97
91) Benzo(k)fluoranthene	23.942	252	800592	32.616	ng/ul#	94
93) Benzo(a)pyrene	24.753	252	698741	29.978	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.572	276	922073m	30.956	ng/ul	
95) Dibenzo(a,h)anthracene	28.630	278	756191	30.738	ng/ul	98
96) Benzo(g,h,i)perylene	29.711	276	665081m	28.066	ng/ul	

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

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