

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061447.D
 Acq On : 4 Jun 2024 7:52
 Operator : MA/JU
 Sample : PB161150BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SLCS150

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 04 08:29:37 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu May 30 22:54:48 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	42997	20.000	ng/u1	0.00
20) Naphthalene-d8	10.673	136	166215	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	121272	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.266	188	284017	20.000	ng/u1	0.00
79) Chrysene-d12	21.525	240	300836	20.000	ng/u1	0.01
88) Perylene-d12	24.622	264	326139	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	4426	5.761	ng/uL	0.00
4) Pyridine-d5	3.746	84	68867	25.195	ng/u1	0.00
7) Phenol-d5	7.072	99	101984	28.883	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.207	67	62556	28.187	ng/u1	0.00
11) 2-Chlorophenol-d4	7.418	132	80211	30.695	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	82633	27.446	ng/u1	0.01
21) Nitrobenzene-d5	9.040	128	39553	30.907	ng/u1	0.01
24) 2-Nitrophenol-d4	9.757	143	45988	30.705	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	95796	32.808	ng/u1	0.00
31) 4-Chloroaniline-d4	10.814	131	107816	28.224	ng/u1	0.01
46) Dimethylphthalate-d6	13.923	166	287403	30.557	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	319733	32.698	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	31693	27.255	ng/u1	0.03
60) Fluorene-d10	15.509	176	253809	31.256	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.656	200	46208	26.900	ng/u1	0.02
73) Anthracene-d10	17.366	188	415668	33.197	ng/u1	0.00
81) Pyrene-d10	19.663	212	498482	32.271	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.410	264	542339	34.589	ng/u1	0.03
Target Compounds						
2) 1,4-Dioxane	3.376	88	9562	10.369	ng/uL	89
5) Pyridine	3.770	79	69439	25.685	ng/u1	89
6) Benzaldehyde	7.019	77	58809	31.853	ng/u1	94
8) Phenol	7.101	94	101788	28.293	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.301	93	74042	28.136	ng/u1	93
12) 2-Chlorophenol	7.454	128	82318	29.807	ng/u1	100
13) 2-Methylphenol	8.335	108	77790	27.900	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.405	45	170891	24.046	ng/u1#	97
16) Acetophenone	8.699	105	130645	25.425	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.687	70	64973	22.997	ng/u1#	89
18) 4-Methylphenol	8.670	108	82924	26.844	ng/u1	96
19) Hexachloroethane	8.952	117	32618	26.545	ng/u1	93
22) Nitrobenzene	9.081	77	103845	29.585	ng/u1	99
23) Isophorone	9.604	82	181320	25.395	ng/u1	99
25) 2-Nitrophenol	9.792	139	49260	30.302	ng/u1	95
26) 2,4-Dimethylphenol	9.863	107	79619	24.717	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.080	93	98796	27.604	ng/u1	98
29) 2,4-Dichlorophenol	10.338	162	88669	32.971	ng/u1	94
30) Naphthalene	10.720	128	262339	29.903	ng/u1	98
32) 4-Chloroaniline	10.832	127	95880	25.257	ng/u1	98
33) Hexachlorobutadiene	11.002	225	84632	32.196	ng/u1	97
34) Caprolactam	11.613	113	25476m	24.761	ng/u1	
35) 4-Chloro-3-methylphenol	11.990	107	96143	27.655	ng/u1	97
36) 2-Methylnaphthalene	12.330	142	182648	28.708	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.554	142	187636	28.738	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.706	216	145553	36.353	ng/ul	98
40) Hexachlorocyclopentadiene	12.677	237	5364	2.968	ng/ul#	80
41) 2,4,6-Trichlorophenol	12.959	196	83043	36.822	ng/ul	94
42) 2,4,5-Trichlorophenol	13.041	196	85743	36.103	ng/ul	98
43) 1,1'-Biphenyl	13.347	154	260638	33.237	ng/ul	98
44) 2-Chloronaphthalene	13.388	162	209125	33.887	ng/ul	98
45) 2-Nitroaniline	13.599	65	80013	31.415	ng/ul	94
47) Dimethylphthalate	13.970	163	283807	28.950	ng/ul	100
48) 2,6-Dinitrotoluene	14.099	165	58319	30.336	ng/ul	96
50) Acenaphthylene	14.234	152	338306	31.200	ng/ul	99
51) 3-Nitroaniline	14.428	138	55609	33.331	ng/ul	98
52) Acenaphthene	14.581	153	224274	31.530	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	23373m	22.927	ng/ul	
55) 4-Nitrophenol	14.774	109	35075	25.655	ng/ul	97
56) Dibenzofuran	14.915	168	321239	31.586	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	85673	29.291	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.156	232	70738	32.657	ng/ul	100
59) Diethylphthalate	15.333	149	271228	28.018	ng/ul	99
61) Fluorene	15.568	166	268508	30.514	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.556	204	153692	29.781	ng/ul	95
63) 4-Nitroaniline	15.597	138	58252	33.523	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.673	198	49943	27.742	ng/ul#	87
67) N-Nitrosodiphenylamine	15.773	169	240286	33.661	ng/ul	99
68) 4-Bromophenyl-phenylether	16.449	248	114093	33.903	ng/ul	96
69) Hexachlorobenzene	16.578	284	125147	33.457	ng/ul	97
70) Atrazine	16.731	200	85376	30.221	ng/ul#	95
71) Pentachlorophenol	16.937	266	39715m	30.506	ng/ul	
72) Phenanthrene	17.307	178	442043	32.067	ng/ul	99
74) Anthracene	17.401	178	448720	31.482	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.317	216	143794	38.302	ng/uL	98
76) Pentachlorobenzene	14.845	250	148590	35.798	ng/uL	95
77) Carbazole	17.677	167	385745	33.274	ng/ul	99
78) Di-n-butylphthalate	18.229	149	464449	31.973	ng/ul	98
80) Fluoranthene	19.328	202	583430	31.485	ng/ul	100
82) Pyrene	19.692	202	613373	31.889	ng/ul	99
83) Butylbenzylphthalate	20.574	149	209588	31.719	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.420	252	223256	34.962	ng/ul#	98
85) Benzo(a)anthracene	21.508	228	660761	31.832	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.414	149	301747	30.851	ng/ul#	99
87) Chrysene	21.572	228	618289	32.348	ng/ul	98
89) Di-n-octyl phthalate	22.571	149	538098	32.979	ng/ul	100
90) Benzo(b)fluoranthene	23.641	252	651603	33.556	ng/ul	99
91) Benzo(k)fluoranthene	23.705	252	657068	33.332	ng/ul	97
93) Benzo(a)pyrene	24.481	252	555122	30.106	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.147	276	677856m	30.400	ng/ul	
95) Dibenzo(a,h)anthracene	28.194	278	577849m	31.429	ng/ul	
96) Benzo(g,h,i)perylene	29.246	276	455149m	25.658	ng/ul	

06/04/2024

Supervised By :mohammad
ahmed

06/05/2024

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

