

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
 Data File : BG063679.D
 Acq On : 13 Dec 2024 15:23
 Operator : RC/JU
 Sample : PB165551BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SLCS551

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024

Quant Time: Dec 14 01:29:39 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Dec 11 23:59:23 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	223560	20.000	ng/u1	0.00
20) Naphthalene-d8	10.608	136	887239	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	597771	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.206	188	1159133	20.000	ng/u1	0.00
79) Chrysene-d12	21.460	240	1080599	20.000	ng/u1	# 0.00
88) Perylene-d12	24.486	264	779797	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	26380	4.624	ng/uL	0.00
4) Pyridine-d5	3.693	84	403298	22.410	ng/u1	0.00
7) Phenol-d5	7.012	99	561614	27.277	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.148	67	380481	26.756	ng/u1	0.00
11) 2-Chlorophenol-d4	7.359	132	374363	28.085	ng/u1	0.01
15) 4-Methylphenol-d8	8.540	113	415997	26.023	ng/u1	0.01
21) Nitrobenzene-d5	8.969	128	118032	18.632	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	41004	5.774	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.244	165	367459	26.727	ng/u1	0.01
31) 4-Chloroaniline-d4	10.743	131	508566	29.133	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	1198566	29.466	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	1435223	30.953	ng/u1	0.00
54) 4-Nitrophenol-d4	14.703	143	34635	6.010	ng/u1	0.03
60) Fluorene-d10	15.455	176	1087453	30.238	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.591	200	11120m	1.848	ng/u1	0.01
73) Anthracene-d10	17.306	188	1679102	33.693	ng/u1	0.00
81) Pyrene-d10	19.609	212	1783820	31.723	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.286	264	1446236m	39.493	ng/u1	0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.311	88	52405	7.762	ng/uL#	91
5) Pyridine	3.710	79	405220	21.022	ng/u1	94
6) Benzaldehyde	6.960	77	254926	20.185	ng/u1	86
8) Phenol	7.036	94	570205	25.985	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.242	93	435529	25.941	ng/u1	98
12) 2-Chlorophenol	7.388	128	377075	27.946	ng/u1	99
13) 2-Methylphenol	8.276	108	423144	26.680	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.334	45	663761	26.631	ng/u1	98
16) Acetophenone	8.634	105	697508	25.725	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.622	70	388869	24.036	ng/u1	93
18) 4-Methylphenol	8.605	108	443979	25.578	ng/u1	97
19) Hexachloroethane	8.887	117	89702	13.530	ng/u1	91
22) Nitrobenzene	9.010	77	339507	16.049	ng/u1	94
23) Isophorone	9.533	82	1058066	26.471	ng/u1	98
25) 2-Nitrophenol	9.721	139	41877	5.738	ng/u1#	94
26) 2,4-Dimethylphenol	9.797	107	380308	22.965	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.015	93	596695	27.600	ng/u1#	94
29) 2,4-Dichlorophenol	10.273	162	326444	23.896	ng/u1	94
30) Naphthalene	10.655	128	1319635	29.749	ng/u1	99
32) 4-Chloroaniline	10.773	127	464126	27.944	ng/u1	91
33) Hexachlorobutadiene	10.937	225	294306	26.518	ng/u1	98
34) Caprolactam	11.542	113	361740m	76.602	ng/u1	
35) 4-Chloro-3-methylphenol	11.924	107	416841	25.990	ng/u1	96
36) 2-Methylnaphthalene	12.271	142	900159	28.235	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.488	142	909906	28.019	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.641	216	540256	28.232	ng/ul#	98
40) Hexachlorocyclopentadiene	12.623	237	4973	0.657	ng/ul#	75
41) 2,4,6-Trichlorophenol	12.894	196	166553	15.399	ng/ul	97
42) 2,4,5-Trichlorophenol	12.982	196	156568	13.871	ng/ul	97
43) 1,1'-Biphenyl	13.287	154	1253196	31.789	ng/ul	96
44) 2-Chloronaphthalene	13.329	162	993125	31.372	ng/ul	98
45) 2-Nitroaniline	13.534	65	98727	9.311	ng/ul	96
47) Dimethylphthalate	13.910	163	1163197	28.534	ng/ul	99
48) 2,6-Dinitrotoluene	14.034	165	53203	7.027	ng/ul#	84
50) Acenaphthylene	14.180	152	1526990	30.713	ng/ul	97
51) 3-Nitroaniline	14.363	138	89048	12.721	ng/ul	93
52) Acenaphthene	14.521	153	1061502	30.123	ng/ul	97
55) 4-Nitrophenol	14.715	109	30123	5.034	ng/ul	83
56) Dibenzofuran	14.856	168	1484675	29.884	ng/ul	100
57) 2,4-Dinitrotoluene	14.827	165	65815	5.850	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.097	232	71570m	7.356	ng/ul	
59) Diethylphthalate	15.279	149	1155059	29.309	ng/ul	97
61) Fluorene	15.508	166	1164922	29.365	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.497	204	607939	27.507	ng/ul	99
63) 4-Nitroaniline	15.532	138	94312	13.458	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.602	198	12473m	2.012	ng/ul	
67) N-Nitrosodiphenylamine	15.714	169	1009306	35.958	ng/ul	96
68) 4-Bromophenyl-phenylether	16.396	248	399550	33.823	ng/ul	96
69) Hexachlorobenzene	16.519	284	432845	32.704	ng/ul	98
70) Atrazine	16.672	200	139773	11.780	ng/ul	95
71) Pentachlorophenol	16.877	266	20419m	3.659	ng/ul	
72) Phenanthrene	17.253	178	1860328	33.304	ng/ul	99
74) Anthracene	17.341	178	1877452	33.208	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.252	216	558781	36.131	ng/ul	99
76) Pentachlorobenzene	14.780	250	518493	33.842	ng/ul	99
77) Carbazole	17.618	167	1677326	36.651	ng/ul	98
78) Di-n-butylphthalate	18.170	149	1968672	35.620	ng/ul	98
80) Fluoranthene	19.274	202	2094141	32.766	ng/ul	99
82) Pyrene	19.639	202	2159465	31.758	ng/ul	96
83) Butylbenzylphthalate	20.526	149	854335	40.929	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.366	252	624432	32.011	ng/ul	94
85) Benzo(a)anthracene	21.443	228	2033459	30.027	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.354	149	1275560	42.009	ng/ul	98
87) Chrysene	21.507	228	2015672	31.229	ng/ul	97
89) Di-n-octyl phthalate	22.488	149	2272756	67.526	ng/ul	100
90) Benzo(b)fluoranthene	23.534	252	1581715	35.688	ng/ul#	97
91) Benzo(k)fluoranthene	23.599	252	1629435	36.857	ng/ul#	97
93) Benzo(a)pyrene	24.351	252	1412993	33.966	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	27.911	276	1449831m	28.538	ng/ul	
95) Dibenzo(a,h)anthracene	27.953	278	1180541m	29.041	ng/ul	
96) Benzo(g,h,i)perylene	28.975	276	980885m	24.331	ng/ul	

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

