Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063912.D
Acq On : 28 Dec 2024 20:22
Operator : RC/JU
Sample : SP6699
Misc : SPIKE
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP6699

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 30 00:37:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.801	152	101467	20.000	ng/ul	0.00
20) Naphthalene-d8	10.586	136	408179	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.440	164	279233	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.201	188	637441	20.000	ng/ul	0.01
79) Chrysene-d12	21.455	240	742222	20.000	ng/ul	0.02
88) Perylene-d12	24.475	264	767517	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.306	88	95956	31.315	ng/uL#	97
5) Pyridine	3.705	79	728292	83.245	ng/ul	87
6) Benzaldehyde	6.943	77	384680	67.109	ng/ul	95
8) Phenol	7.019	94	814340	81.765	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.225	93	604811	79.371	ng/ul	97
12) 2-Chlorophenol	7.372	128	545609	89.093	ng/ul	100
13) 2-Methylphenol	8.259	108	589844	81.942	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.318	45	882912	78.048	ng/ul	98
16) Acetophenone	8.623	105	915698	74.410	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.606	70	535547	72.935	ng/ul	92
18) 4-Methylphenol	8.588	108	624603	79.282	ng/ul	95
19) Hexachloroethane	8.870	117	230653	76.652	ng/ul	97
22) Nitrobenzene	8.999	77	804608	82.674	ng/ul	98
23) Isophorone	9.522	82	1456231	79.192	ng/ul	99
25) 2-Nitrophenol	9.710	139	296791	88.398	ng/ul	92
26) 2,4-Dimethylphenol	9.781	107	645788	84.764	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.004	93	822591	82.706	ng/ul	96
29) 2,4-Dichlorophenol	10.251	162	554230	88.186	ng/ul	98
30) Naphthalene	10.638	128	1659765	81.330	ng/ul	98
32) 4-Chloroaniline	10.750	127	495280	64.817	ng/ul	96
33) Hexachlorobutadiene	10.920	225	395924	77.543	ng/ul	97
34) Caprolactam	11.537	113	179597m	82.668	ng/ul	
35) 4-Chloro-3-methylphenol	11.902	107	602065	81.597	ng/ul	98
36) 2-Methylnaphthalene	12.254	142	1147122	78.210	ng/ul	97

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Quant Title : SVOA CALIBRATION
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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.477	142	1157809	77.497	ng/ul	95
39)	1,2,4,5-Tetrachloroben...	12.630	216	722521	80.828	ng/ul	99
40)	Hexachlorocyclopentadiene	12.607	237	218853	61.933	ng/ul	98
41)	2,4,6-Trichlorophenol	12.877	196	468078	92.647	ng/ul	97
42)	2,4,5-Trichlorophenol	12.959	196	482391	91.489	ng/ul	96
43)	1,1'-Biphenyl	13.271	154	1539625	83.607	ng/ul	97
44)	2-Chloronaphthalene	13.318	162	1257031	85.006	ng/ul	96
45)	2-Nitroaniline	13.529	65	464316	93.740	ng/ul	93
47)	Dimethylphthalate	13.899	163	1557165	81.772	ng/ul	98
48)	2,6-Dinitrotoluene	14.029	165	333446	94.285	ng/ul#	90
50)	Acenaphthylene	14.164	152	1939770	83.523	ng/ul	97
51)	3-Nitroaniline	14.358	138	289860	88.648	ng/ul	94
52)	Acenaphthene	14.510	153	1359798	82.607	ng/ul	96
53)	2,4-Dinitrophenol	14.581	184	84989	47.024	ng/ul	90
55)	4-Nitrophenol	14.698	109	203544	72.813	ng/ul	91
56)	Dibenzofuran	14.845	168	1908153	82.222	ng/ul	98
57)	2,4-Dinitrotoluene	14.822	165	478226	91.003	ng/ul	93
58)	2,3,4,6-Tetrachlorophenol	15.080	232	398901	87.766	ng/ul	96
59)	Diethylphthalate	15.268	149	1496215	81.276	ng/ul	98
61)	Fluorene	15.497	166	1451176	78.310	ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.492	204	792292	76.743	ng/ul	97
63)	4-Nitroaniline	15.533	138	338173	103.307	ng/ul	93
66)	4,6-Dinitro-2-methylph...	15.597	198	197822	58.019	ng/ul#	89
67)	N-Nitrosodiphenylamine	15.709	169	1306945	84.669	ng/ul	98
68)	4-Bromophenyl-phenylether	16.385	248	549040	84.515	ng/ul	100
69)	Hexachlorobenzene	16.514	284	604209	83.013	ng/ul	97
70)	Atrazine	16.667	200	566692	86.849	ng/ul	96
71)	Pentachlorophenol	16.861	266	255022	83.101	ng/ul	98
72)	Phenanthrene	17.242	178	2569599	83.651	ng/ul	99
74)	Anthracene	17.331	178	2596737	83.521	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.241	216	715503	84.129	ng/ul	100
76)	Pentachlorobenzene	14.769	250	711584	84.455	ng/ul	99
77)	Carbazole	17.607	167	2343581	93.121	ng/ul	99
78)	Di-n-butylphthalate	18.165	149	2630056	86.532	ng/ul	99
80)	Fluoranthene	19.264	202	3173896	72.300	ng/ul	96
82)	Pyrene	19.628	202	3366801	72.086	ng/ul#	91
83)	Butylbenzylphthalate	20.521	149	1275774	88.983	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.355	252	990071	73.893	ng/ul	93
85)	Benzo(a)anthracene	21.438	228	3534771	75.991	ng/ul	96
86)	Bis(2-ethylhexyl)phtha...	21.344	149	1847162	88.568	ng/ul	99
87)	Chrysene	21.502	228	3379720	76.233	ng/ul	93
89)	Di-n-octyl phthalate	22.483	149	3294129	99.437	ng/ul	100
90)	Benzo(b)fluoranthene	23.529	252	3736267	85.651	ng/ul	100
91)	Benzo(k)fluoranthene	23.594	252	3617831	83.144	ng/ul	99
93)	Benzo(a)pyrene	24.340	252	3500264	85.487	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	27.906	276	4446335	88.920	ng/ul	99
95)	Dibenzo(a,h)anthracene	27.959	278	3572405	89.286	ng/ul	95
96)	Benzo(g,h,i)perylene	28.976	276	3483116	87.782	ng/ul	97

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

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