Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032822\
Data File : BG052918.D
Acq On : 29 Mar 2022 9:22
Operator : CG/JU
Sample : SP5851
Misc : SFAM SPIKE
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Mar 29 10:20:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 23 13:16:32 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SP5851

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.139	152	27542	20.000	ng/ul	0.00
20) Naphthalene-d8	10.947	136	126790	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.754	164	97222	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.503	188	234065	20.000	ng/ul	0.00
79) Chrysene-d12	21.792	240	238423	20.000	ng/ul	# 0.00
88) Perylene-d12	25.099	264	254736	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0	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	0	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	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	0	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	0	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.587	88	23890m	25.007	ng/uL	
5) Pyridine	3.980	79	172004	81.777	ng/ul	98
6) Benzaldehyde	7.264	77	170158	103.760	ng/ul	97
8) Phenol	7.311	94	232489	97.788	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.546	93	154031	85.881	ng/ul	99
12) 2-Chlorophenol	7.699	128	158053	92.356	ng/ul	93
13) 2-Methylphenol	8.568	108	180354	97.606	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.656	45	254428	87.273	ng/ul	98
16) Acetophenone	8.956	105	256021	91.839	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.938	70	156571	96.342	ng/ul	98
18) 4-Methylphenol	8.897	108	197184	102.427	ng/ul	92
19) Hexachloroethane	9.226	117	63289	83.351	ng/ul	89
22) Nitrobenzene	9.338	77	234824	88.054	ng/ul	95
23) Isophorone	9.866	82	443538	87.012	ng/ul	98
25) 2-Nitrophenol	10.054	139	94376	94.541	ng/ul#	89
26) 2,4-Dimethylphenol	10.107	107	222582	89.984	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.342	93	232486	82.015	ng/ul#	99
29) 2,4-Dichlorophenol	10.589	162	184728	90.723	ng/ul	98
30) Naphthalene	11.000	128	529403	80.685	ng/ul	99
32) 4-Chloroaniline	11.094	127	199939	73.512	ng/ul	99
33) Hexachlorobutadiene	11.288	225	137350	82.595	ng/ul	97
34) Caprolactam	11.876	113	63057m	102.824	ng/ul	
35) 4-Chloro-3-methylphenol	12.216	107	211559	95.782	ng/ul	93
36) 2-Methylnaphthalene	12.598	142	391034	84.448	ng/ul	99

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37)	1-Methylnaphthalene	12.815	142	395802	84.432	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.962	216	256647	79.865	ng/ul	97
40)	Hexachlorocyclopentadiene	12.945	237	173992	78.210	ng/ul	99
41)	2,4,6-Trichlorophenol	13.197	196	177482	90.384	ng/ul	98
42)	2,4,5-Trichlorophenol	13.268	196	186896	88.135	ng/ul	99
43)	1,1'-Biphenyl	13.591	154	542388	78.070	ng/ul	99
44)	2-Chloronaphthalene	13.638	162	428767	77.074	ng/ul	95
45)	2-Nitroaniline	13.832	65	168116	103.093	ng/ul	94
47)	Dimethylphthalate	14.202	163	595179	83.502	ng/ul	99
48)	2,6-Dinitrotoluene	14.325	165	128709	99.683	ng/ul#	96
50)	Acenaphthylene	14.484	152	727507	82.997	ng/ul	98
51)	3-Nitroaniline	14.654	138	123175	94.511	ng/ul	96
52)	Acenaphthene	14.824	153	473956	82.768	ng/ul	99
53)	2,4-Dinitrophenol	14.854	184	78544	97.919	ng/ul#	61
55)	4-Nitrophenol	14.948	109	125455	94.926	ng/ul	92
56)	Dibenzofuran	15.153	168	693418	81.681	ng/ul	97
57)	2,4-Dinitrotoluene	15.106	165	175358	95.719	ng/ul#	80
58)	2,3,4,6-Tetrachlorophenol	15.377	232	182675	95.569	ng/ul#	97
59)	Diethylphthalate	15.565	149	603168	83.556	ng/ul	98
61)	Fluorene	15.806	166	577003	81.998	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.788	204	322493	86.126	ng/ul	97
63)	4-Nitroaniline	15.817	138	137549	107.323	ng/ul	83
66)	4,6-Dinitro-2-methylph...	15.870	198	110057	94.432	ng/ul	92
67)	N-Nitrosodiphenylamine	16.005	169	510336	80.640	ng/ul	97
68)	4-Bromophenyl-phenylether	16.687	248	227939	98.352	ng/ul	94
69)	Hexachlorobenzene	16.810	284	254247	84.926	ng/ul	95
70)	Atrazine	16.951	200	222019	85.602	ng/ul	97
71)	Pentachlorophenol	17.151	266	157426	86.474	ng/ul	92
72)	Phenanthrene	17.544	178	982035	79.941	ng/ul	97
74)	Anthracene	17.638	178	988507	80.486	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.561	216	292579	83.928	ng/uL	98
76)	Pentachlorobenzene	15.077	250	275564	82.391	ng/uL	97
77)	Carbazole	17.897	167	888390	81.848	ng/ul	96
78)	Di-n-butylphthalate	18.455	149	1020440	79.060	ng/ul#	97
80)	Fluoranthene	19.547	202	1278790	81.360	ng/ul	99
82)	Pyrene	19.912	202	1280295	81.951	ng/ul	96
83)	Butylbenzylphthalate	20.787	149	481861	88.713	ng/ul	92
84)	3,3'-Dichlorobenzidine	21.680	252	457855	85.679	ng/ul	92
85)	Benzo(a)anthracene	21.768	228	1240552	80.618	ng/ul	96
86)	Bis(2-ethylhexyl)phtha...	21.668	149	646365	85.916	ng/ul	98
87)	Chrysene	21.839	228	1183621	80.641	ng/ul	96
89)	Di-n-octyl phthalate	22.908	149	1104731	83.262	ng/ul	100
90)	Benzo(b)fluoranthene	24.053	252	1368748	83.213	ng/ul	98
91)	Benzo(k)fluoranthene	24.124	252	1204439	79.340	ng/ul#	96
93)	Benzo(a)pyrene	24.952	252	1302754	83.888	ng/ul	96
94)	Indeno(1,2,3-cd)pyrene	28.894	276	1515151	86.269	ng/ul	100
95)	Dibenzo(a,h)anthracene	28.970	278	1197806	80.241	ng/ul	98
96)	Benzo(g,h,i)perylene	30.098	276	1254069	84.468	ng/ul	99

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

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