Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
Data File : BG052706.D
Acq On : 18 Mar 2022 12:29
Operator : CG/JU
Sample : N1882-05MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 18 23:58:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 18 00:55:42 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBRX6MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2022
Supervised By :Yogesh Patel 03/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	32929	20.000	ng/ul	0.00
20) Naphthalene-d8	10.963	136	139272	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.769	164	100350	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.513	188	239561	20.000	ng/ul	0.00
79) Chrysene-d12	21.801	240	233280	20.000	ng/ul	0.00
88) Perylene-d12	25.120	264	253945	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.561	96	6389	6.853	ng/uL	0.00
4) Pyridine-d5	3.978	84	73153	31.432	ng/ul	0.00
7) Phenol-d5	7.291	99	119311	40.454	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.467	67	75162	41.727	ng/ul	0.00
11) 2-Chlorophenol-d4	7.679	132	82427	41.160	ng/ul	0.00
15) 4-Methylphenol-d8	8.842	113	88544	41.445	ng/ul	0.00
21) Nitrobenzene-d5	9.312	128	40731	40.628	ng/ul	0.00
24) 2-Nitrophenol-d4	10.035	143	42744	40.423	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	91338	39.705	ng/ul	0.00
31) 4-Chloroaniline-d4	11.086	131	106555	35.046	ng/ul	0.00
46) Dimethylphthalate-d6	14.170	166	296435	38.451	ng/ul	0.00
49) Acenaphthylene-d8	14.464	160	362322	38.677	ng/ul	0.00
54) 4-Nitrophenol-d4	14.940	143	49527	38.210	ng/ul	0.00
60) Fluorene-d10	15.756	176	260917	38.545	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.862	200	42941	35.223	ng/ul	0.00
73) Anthracene-d10	17.613	188	415727	37.267	ng/ul	0.00
81) Pyrene-d10	19.892	212	526983	40.381	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.891	264	515216	39.265	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.596	88	17906	15.677	ng/uL	92
5) Pyridine	4.002	79	118700	47.202	ng/ul	94
6) Benzaldehyde	7.279	77	96542m	49.239	ng/ul	
8) Phenol	7.321	94	134764	47.411	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.561	93	103775	48.395	ng/ul	97
12) 2-Chlorophenol	7.708	128	95705	46.775	ng/ul	94
13) 2-Methylphenol	8.578	108	102827	46.545	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.678	45	169590	48.656	ng/ul	98
16) Acetophenone	8.971	105	157029	47.114	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.960	70	91941	47.319	ng/ul#	99
18) 4-Methylphenol	8.907	108	111192	48.310	ng/ul	98
19) Hexachloroethane	9.247	117	42844	47.194	ng/ul	95
22) Nitrobenzene	9.353	77	130851	44.669	ng/ul	93
23) Isophorone	9.882	82	257170	45.929	ng/ul	97
25) 2-Nitrophenol	10.070	139	51987	47.411	ng/ul	95
26) 2,4-Dimethylphenol	10.117	107	111237	40.940	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.358	93	139812	44.902	ng/ul	97
29) 2,4-Dichlorophenol	10.604	162	100297	44.843	ng/ul	99
30) Naphthalene	11.016	128	321270	44.575	ng/ul	99
32) 4-Chloroaniline	11.110	127	123279	41.264	ng/ul	98
33) Hexachlorobutadiene	11.309	225	83804	45.879	ng/ul	96
34) Caprolactam	11.873	113	32691m	48.530	ng/ul	
35) 4-Chloro-3-methylphenol	12.220	107	113344	46.717	ng/ul	97
36) 2-Methylnaphthalene	12.613	142	226249	44.482	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.831	142	230577	44.778	ng/ul	96
39)	1,2,4,5-Tetrachloroben...	12.978	216	142717	43.027	ng/ul	96
40)	Hexachlorocyclopentadiene	12.960	237	89749	39.085	ng/ul	99
41)	2,4,6-Trichlorophenol	13.201	196	93227	45.997	ng/ul	96
42)	2,4,5-Trichlorophenol	13.277	196	100962	46.127	ng/ul	98
43)	1,1'-Biphenyl	13.606	154	312358	43.559	ng/ul	96
44)	2-Chloronaphthalene	13.653	162	248771	43.324	ng/ul	98
45)	2-Nitroaniline	13.841	65	79183	47.044	ng/ul	97
47)	Dimethylphthalate	14.217	163	323425	43.961	ng/ul	100
48)	2,6-Dinitrotoluene	14.335	165	61422	46.088	ng/ul	97
50)	Acenaphthylene	14.493	152	394726	43.628	ng/ul	99
51)	3-Nitroaniline	14.658	138	60581	45.034	ng/ul	99
52)	Acenaphthene	14.834	153	261513	44.245	ng/ul	97
53)	2,4-Dinitrophenol	14.857	184	35664	43.076	ng/ul	84
55)	4-Nitrophenol	14.951	109	63493	46.545	ng/ul	97
56)	Dibenzofuran	15.169	168	382292	43.628	ng/ul	100
57)	2,4-Dinitrotoluene	15.116	165	89136	47.138	ng/ul#	91
58)	2,3,4,6-Tetrachlorophenol	15.386	232	93739	47.512	ng/ul#	98
59)	Diethylphthalate	15.580	149	339522	45.567	ng/ul	99
61)	Fluorene	15.815	166	311792	42.928	ng/ul	95
62)	4-Chlorophenyl-phenyle...	15.803	204	168933	43.710	ng/ul	96
63)	4-Nitroaniline	15.821	138	62714	47.407	ng/ul	92
66)	4,6-Dinitro-2-methylph...	15.880	198	53662	44.987	ng/ul	99
67)	N-Nitrosodiphenylamine	16.015	169	281376	43.441	ng/ul	97
68)	4-Bromophenyl-phenylether	16.696	248	109417	46.128	ng/ul	98
69)	Hexachlorobenzene	16.820	284	135288	44.153	ng/ul	92
70)	Atrazine	16.960	200	121001	45.583	ng/ul	98
71)	Pentachlorophenol	17.160	266	85480m	45.877	ng/ul	
72)	Phenanthrene	17.554	178	562811	44.763	ng/ul	99
74)	Anthracene	17.648	178	534744	42.541	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.577	216	154081	43.185	ng/uL	99
76)	Pentachlorobenzene	15.092	250	157659	46.057	ng/uL	98
77)	Carbazole	17.906	167	500468	45.051	ng/ul	99
78)	Di-n-butylphthalate	18.470	149	600268	45.440	ng/ul	99
80)	Fluoranthene	19.557	202	713278	46.381	ng/ul	99
82)	Pyrene	19.921	202	690311	45.161	ng/ul	99
83)	Butylbenzylphthalate	20.802	149	260683	49.051	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.689	252	211444	40.440	ng/ul	95
85)	Benzo(a)anthracene	21.778	228	677242	44.981	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.689	149	355377	48.279	ng/ul	99
87)	Chrysene	21.848	228	646021	44.984	ng/ul	100
89)	Di-n-octyl phthalate	22.941	149	608654	46.016	ng/ul	100
90)	Benzo(b)fluoranthene	24.069	252	710058	43.302	ng/ul	99
91)	Benzo(k)fluoranthene	24.133	252	674811	44.590	ng/ul	98
93)	Benzo(a)pyrene	24.967	252	683349	44.140	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	28.915	276	786132	44.900	ng/ul	98
95)	Dibenzo(a,h)anthracene	28.991	278	666617	44.796	ng/ul	99
96)	Benzo(g,h,i)perylene	30.113	276	663940	44.859	ng/ul	98

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

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