Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
Data File : BG052707.D
Acq On : 18 Mar 2022 13:08
Operator : CG/JU
Sample : N1882-06MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBRX6MSD

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

Quant Time: Mar 18 23:59:20 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.154	152	44609	20.000	ng/ul	0.00
20) Naphthalene-d8	10.968	136	188601	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.769	164	136823	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.512	188	325068	20.000	ng/ul	0.00
79) Chrysene-d12	21.800	240	316167	20.000	ng/ul	0.00
88) Perylene-d12	25.119	264	326255	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.560	96	6804	5.388	ng/uL	0.00
4) Pyridine-d5	3.977	84	71235	22.594	ng/ul	0.00
7) Phenol-d5	7.291	99	121737	30.469	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.467	67	72199	29.587	ng/ul	0.00
11) 2-Chlorophenol-d4	7.678	132	81854	30.172	ng/ul	0.00
15) 4-Methylphenol-d8	8.847	113	88619	30.619	ng/ul	0.00
21) Nitrobenzene-d5	9.311	128	40682	29.966	ng/ul	0.00
24) 2-Nitrophenol-d4	10.034	143	42592	29.744	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.574	165	96051	30.833	ng/ul	0.00
31) 4-Chloroaniline-d4	11.085	131	108045	26.242	ng/ul	0.00
46) Dimethylphthalate-d6	14.169	166	310283	29.519	ng/ul	0.00
49) Acenaphthylene-d8	14.463	160	370220	28.985	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	50339	28.484	ng/ul	0.00
60) Fluorene-d10	15.761	176	273011	29.580	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.867	200	45199	27.323	ng/ul	0.00
73) Anthracene-d10	17.612	188	420454m	27.776	ng/ul	0.00
81) Pyrene-d10	19.891	212	533564	30.167	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.896	264	493376	29.267	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.596	88	17150	11.084	ng/uL	95
5) Pyridine	3.995	79	115950	34.036	ng/ul	95
6) Benzaldehyde	7.285	77	96155	36.201	ng/ul	97
8) Phenol	7.320	94	138121	35.869	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.561	93	102648	35.335	ng/ul	96
12) 2-Chlorophenol	7.713	128	98011	35.360	ng/ul	93
13) 2-Methylphenol	8.583	108	105803	35.353	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.677	45	164638	34.867	ng/ul	97
16) Acetophenone	8.971	105	159306	35.282	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.959	70	94376	35.854	ng/ul	99
18) 4-Methylphenol	8.912	108	112452	36.065	ng/ul	94
19) Hexachloroethane	9.247	117	42213	34.324	ng/ul	98
22) Nitrobenzene	9.352	77	134713	33.959	ng/ul	92
23) Isophorone	9.887	82	261096	34.434	ng/ul	97
25) 2-Nitrophenol	10.069	139	51627	34.768	ng/ul	93
26) 2,4-Dimethylphenol	10.122	107	114530	31.127	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.357	93	143240	33.970	ng/ul	99
29) 2,4-Dichlorophenol	10.604	162	103524	34.180	ng/ul	94
30) Naphthalene	11.015	128	321726	32.963	ng/ul	99
32) 4-Chloroaniline	11.109	127	127448	31.502	ng/ul	98
33) Hexachlorobutadiene	11.309	225	82556	33.375	ng/ul	95
34) Caprolactam	11.873	113	36081m	39.553	ng/ul	
35) 4-Chloro-3-methylphenol	12.219	107	119741	36.445	ng/ul	96
36) 2-Methylnaphthalene	12.613	142	232143	33.703	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.830	142	233101	33.428	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.977	216	148298	32.792	ng/ul	98
40) Hexachlorocyclopentadiene	12.959	237	92157	29.435	ng/ul	99
41) 2,4,6-Trichlorophenol	13.206	196	95506	34.560	ng/ul	94
42) 2,4,5-Trichlorophenol	13.277	196	104393	34.980	ng/ul	99
43) 1,1'-Biphenyl	13.605	154	320567	32.787	ng/ul	100
44) 2-Chloronaphthalene	13.653	162	252358	32.233	ng/ul	97
45) 2-Nitroaniline	13.840	65	83295	36.295	ng/ul	98
47) Dimethylphthalate	14.216	163	339061	33.801	ng/ul	97
48) 2,6-Dinitrotoluene	14.334	165	66917	36.826	ng/ul#	96
50) Acenaphthylene	14.493	152	402579	32.635	ng/ul	98
51) 3-Nitroaniline	14.657	138	63480	34.610	ng/ul	96
52) Acenaphthene	14.833	153	271706	33.715	ng/ul	97
53) 2,4-Dinitrophenol	14.863	184	38245	33.879	ng/ul#	66
55) 4-Nitrophenol	14.951	109	61041	32.819	ng/ul	98
56) Dibenzofuran	15.168	168	393143	32.906	ng/ul	99
57) 2,4-Dinitrotoluene	15.115	165	93864	36.406	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.385	232	95071	35.342	ng/ul#	97
59) Diethylphthalate	15.579	149	350363	34.487	ng/ul	99
61) Fluorene	15.814	166	323839	32.701	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.803	204	180021	34.162	ng/ul	99
63) 4-Nitroaniline	15.820	138	67354m	37.343	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.879	198	54596	33.731	ng/ul	96
67) N-Nitrosodiphenylamine	16.014	169	291087	33.119	ng/ul	96
68) 4-Bromophenyl-phenylether	16.701	248	113572	35.286	ng/ul	94
69) Hexachlorobenzene	16.825	284	142741	34.332	ng/ul	96
70) Atrazine	16.960	200	123141	34.187	ng/ul	99
71) Pentachlorophenol	17.160	266	85795	33.934	ng/ul	93
72) Phenanthrene	17.553	178	565511	33.147	ng/ul	99
74) Anthracene	17.647	178	543976	31.892	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.576	216	160910	33.236	ng/uL	99
76) Pentachlorobenzene	15.092	250	163462	35.191	ng/uL	98
77) Carbazole	17.911	167	515969	34.229	ng/ul	100
78) Di-n-butylphthalate	18.470	149	607009	33.863	ng/ul	99
80) Fluoranthene	19.556	202	722434	34.661	ng/ul	98
82) Pyrene	19.920	202	700138	33.796	ng/ul	98
83) Butylbenzylphthalate	20.802	149	263918	36.641	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.689	252	209317	29.538	ng/ul	95
85) Benzo(a)anthracene	21.783	228	680017	33.325	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.689	149	354706	35.555	ng/ul	100
87) Chrysene	21.853	228	642351	33.003	ng/ul	100
89) Di-n-octyl phthalate	22.940	149	595737	35.057	ng/ul	100
90) Benzo(b)fluoranthene	24.062	252	695118	32.996	ng/ul	99
91) Benzo(k)fluoranthene	24.132	252	655227	33.700	ng/ul	99
93) Benzo(a)pyrene	24.967	252	659691	33.167	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.920	276	760909	33.827	ng/ul	99
95) Dibenzo(a,h)anthracene	28.991	278	643775	33.673	ng/ul	98
96) Benzo(g,h,i)perylene	30.107	276	642275	33.777	ng/ul	99

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

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