Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049982.D
Acq On : 26 Aug 2021 19:32
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020496

Manual Integrations APPROVED
mohammad
8/27/2021 5:08:26 PM

Quant Time: Aug 26 20:07:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 26 15:41:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	31144	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.797	136	120095	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	78766	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.388	188	180814	20.000	ng/ul	0.00
79) Chrysene-d12	21.659	240	177763	20.000	ng/ul	0.00
88) Perylene-d12	24.890	264	178966	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	4563m	7.555	ng/uL	-0.02
4) Pyridine-d5	3.754	84	33932	18.652	ng/ul	-0.02
7) Phenol-d5	7.143	99	47540	17.976	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.296	67	27203	18.515	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.508	132	36257	18.323	ng/ul	0.00
15) 4-Methylphenol-d8	8.700	113	35782	17.180	ng/ul	0.00
21) Nitrobenzene-d5	9.147	128	17086	18.351	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	20715	18.685	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.421	165	38761	19.602	ng/ul	0.00
31) 4-Chloroaniline-d4	10.932	131	48374	17.973	ng/ul	0.00
46) Dimethylphthalate-d6	14.034	166	118179	19.605	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	135818	19.216	ng/ul	0.00
54) 4-Nitrophenol-d4	14.868	143	14447	16.565	ng/ul	0.01
60) Fluorene-d10	15.626	176	100116	19.589	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.767	200	19412	16.688	ng/ul	0.00
73) Anthracene-d10	17.488	188	156443	19.268	ng/ul	0.00
81) Pyrene-d10	19.773	212	180466	18.786	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.661	264	179655	18.922	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.360	88	5831	7.920	ng/uL	92
5) Pyridine	3.777	79	35975m	18.297	ng/ul	
6) Benzaldehyde	7.108	77	33945	22.305	ng/ul	96
8) Phenol	7.173	94	46385	17.365	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.384	93	33862	18.363	ng/ul	96
12) 2-Chlorophenol	7.537	128	37106	18.976	ng/ul#	88
13) 2-Methylphenol	8.430	108	36032	17.484	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.506	45	33481	17.315	ng/ul	93
16) Acetophenone	8.800	105	60445	17.795	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.782	70	31052	18.206	ng/ul	99
18) 4-Methylphenol	8.765	108	37303	16.825	ng/ul	88
19) Hexachloroethane	9.058	117	16449	19.222	ng/ul#	80
22) Nitrobenzene	9.188	77	48810	19.347	ng/ul	96
23) Isophorone	9.710	82	82828	18.426	ng/ul#	90
25) 2-Nitrophenol	9.904	139	21639	20.076	ng/ul	96
26) 2,4-Dimethylphenol	9.969	107	45162	18.853	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.192	93	43478	18.731	ng/ul	99
29) 2,4-Dichlorophenol	10.451	162	34858	19.206	ng/ul	98
30) Naphthalene	10.844	128	111991	18.657	ng/ul	99
32) 4-Chloroaniline	10.956	127	47660	18.387	ng/ul	91
33) Hexachlorobutadiene	11.126	225	29476	20.076	ng/ul	93
34) Caprolactam	11.731	113	11186m	17.595	ng/ul	
35) 4-Chloro-3-methylphenol	12.101	107	40737	18.781	ng/ul	94
36) 2-Methylnaphthalene	12.460	142	84252	18.882	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.677	142	82252	18.262	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.830	216	46419	20.065	ng/ul#	96
40) Hexachlorocyclopentadiene	12.800	237	20925	20.210	ng/ul	98
41) 2,4,6-Trichlorophenol	13.071	196	29674	20.127	ng/ul	92
42) 2,4,5-Trichlorophenol	13.153	196	29649	19.188	ng/ul	96
43) 1,1'-Biphenyl	13.464	154	107822	19.594	ng/ul	95
44) 2-Chloronaphthalene	13.511	162	86177	19.497	ng/ul	99
45) 2-Nitroaniline	13.717	65	28639	19.084	ng/ul	93
47) Dimethylphthalate	14.081	163	113199	18.975	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	22913	18.603	ng/ul	93
50) Acenaphthylene	14.357	152	123812	19.166	ng/ul	98
51) 3-Nitroaniline	14.545	138	23756	19.988	ng/ul#	90
52) Acenaphthene	14.698	153	90543	19.322	ng/ul	97
53) 2,4-Dinitrophenol	14.774	184	10309	16.388	ng/ul#	74
55) 4-Nitrophenol	14.880	109	17967	16.248	ng/ul	85
56) Dibenzofuran	15.033	168	124179	19.136	ng/ul	100
57) 2,4-Dinitrotoluene	15.009	165	35514	20.045	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.268	232	22542m	17.605	ng/ul	
59) Diethylphthalate	15.444	149	118111	19.353	ng/ul	99
61) Fluorene	15.685	166	104892	19.158	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.673	204	56012	19.336	ng/ul	94
63) 4-Nitroaniline	15.708	138	25488	21.490	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.779	198	17545	16.640	ng/ul#	79
67) N-Nitrosodiphenylamine	15.890	169	90503	19.012	ng/ul	97
68) 4-Bromophenyl-phenylether	16.566	248	39767	19.881	ng/ul	98
69) Hexachlorobenzene	16.695	284	43688	18.915	ng/ul	93
70) Atrazine	16.836	200	42572	20.130	ng/ul	93
71) Pentachlorophenol	17.048	266	19468	19.905	ng/ul	90
72) Phenanthrene	17.429	178	175881	19.512	ng/ul	97
74) Anthracene	17.523	178	178180	19.506	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.435	216	47893	19.742	ng/uL	90
76) Pentachlorobenzene	14.956	250	49787	19.369	ng/uL	94
77) Carbazole	17.794	167	159280	19.596	ng/ul	97
78) Di-n-butylphthalate	18.340	149	204561	19.678	ng/ul	97
80) Fluoranthene	19.444	202	224100	18.905	ng/ul	100
82) Pyrene	19.803	202	222616	18.952	ng/ul	99
83) Butylbenzylphthalate	20.678	149	87435	18.862	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.553	252	80717	19.155	ng/ul	93
85) Benzo(a)anthracene	21.636	228	211571	19.101	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.530	149	124148	19.502	ng/ul	97
87) Chrysene	21.706	228	199257	19.030	ng/ul	95
89) Di-n-octyl phthalate	22.734	149	199955	18.834	ng/ul	100
90) Benzo(b)fluoranthene	23.862	252	215337	18.810	ng/ul	98
91) Benzo(k)fluoranthene	23.927	252	209716	19.272	ng/ul	98
93) Benzo(a)pyrene	24.737	252	189857	19.097	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.591	276	250037	19.066	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.638	278	208276	18.971	ng/ul	99
96) Benzo(g,h,i)perylene	29.748	276	206566	18.735	ng/ul#	97

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

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