Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022421\
Data File : BG048309.D
Acq On : 24 Feb 2021 15:12
Operator : CG/JU
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD040004

Manual Integrations APPROVED
mohammad
2/25/2021 1:10:33 PM

Quant Time: Feb 24 15:50:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG022421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 15:10:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	33555	20.00	ng/ul	0.00
20) Naphthalene-d8	10.92	136	133240	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.74	164	97471	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.49	188	241138	20.00	ng/ul	0.00
79) Chrysene-d12	21.77	240	251775	20.00	ng/ul	0.00
88) Perylene-d12	25.06	264	248824	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	11238	12.59	ng/uL	0.00
4) Pyridine-d5	3.93	84	93407	35.85	ng/ul	0.00
7) Phenol-d5	7.32	99	122630	39.20	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.43	67	78123	41.45	ng/ul	0.00
11) 2-Chlorophenol-d4	7.66	132	88816	39.01	ng/ul	0.00
15) 4-Methylphenol-d8	8.86	113	97241	39.37	ng/ul	0.00
21) Nitrobenzene-d5	9.28	128	43991	39.26	ng/ul	0.00
24) 2-Nitrophenol-d4	10.01	143	56178	40.80	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.57	165	104143	39.97	ng/ul	0.00
31) 4-Chloroaniline-d4	11.08	131	127487	38.20	ng/ul	0.00
46) Dimethylphthalate-d6	14.14	166	322685	39.64	ng/ul	0.00
49) Acenaphthylene-d8	14.44	160	358833	38.30	ng/ul	0.00
54) 4-Nitrophenol-d4	15.02	143	66956m	45.86	ng/ul	0.00
60) Fluorene-d10	15.73	176	286811	39.31	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.87	200	66537	38.58	ng/ul	0.00
73) Anthracene-d10	17.59	188	468872	40.27	ng/ul	0.00
81) Pyrene-d10	19.87	212	564994	40.25	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.84	264	568519	41.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	14212	14.138	ng/uL#	84
5) Pyridine	3.94	79	96318	36.080	ng/ul	95
6) Benzaldehyde	7.25	77	87883	57.893	ng/ul	92
8) Phenol	7.35	94	129729	40.902	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.53	93	99274	40.842	ng/ul	98
12) 2-Chlorophenol	7.69	128	90438	40.365	ng/ul	98
13) 2-Methylphenol	8.59	108	93831	41.000	ng/ul	91
14) 2,2'-oxybis(1-Chloropropan	8.63	45	137301	43.579	ng/ul#	91
16) Acetophenone	8.94	105	168193	42.892	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.92	70	96728	43.089	ng/ul	97
18) 4-Methylphenol	8.92	108	98240	39.220	ng/ul	93
19) Hexachloroethane	9.19	117	42655	41.162	ng/ul	98
22) Nitrobenzene	9.33	77	141767	42.221	ng/ul	98
23) Isophorone	9.85	82	248733	40.667	ng/ul	95
25) 2-Nitrophenol	10.04	139	56692	40.960	ng/ul	98
26) 2,4-Dimethylphenol	10.12	107	123189	42.564	ng/ul	96
27) Bis(2-Chloroethoxy)methane	10.32	93	136359	39.487	ng/ul	98
29) 2,4-Dichlorophenol	10.59	162	101804	40.961	ng/ul	98
30) Naphthalene	10.98	128	300686	40.032	ng/ul	99
32) 4-Chloroaniline	11.10	127	127642	39.978	ng/ul	94
33) Hexachlorobutadiene	11.24	225	89908	42.340	ng/ul	95
34) Caprolactam	11.87	113	35352m	40.883	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.25	107	114308	41.469	ng/ul	97
36) 2-Methylnaphthalene	12.57	142	222475	39.996	ng/ul	89
37) 1-Methylnaphthalene	12.79	142	218132	41.367	ng/ul#	98
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	158519	41.503	ng/ul	97
40) Hexachlorocyclopentadiene	12.90	237	104042	41.629	ng/ul	94
41) 2,4,6-Trichlorophenol	13.20	196	101856	40.990	ng/ul	96
42) 2,4,5-Trichlorophenol	13.29	196	105060	39.669	ng/ul	95
43) 1,1'-Biphenyl	13.57	154	297040	39.877	ng/ul	99
44) 2-Chloronaphthalene	13.62	162	250482	40.169	ng/ul	97
45) 2-Nitroaniline	13.84	65	96114	46.155	ng/ul	94
47) Dimethylphthalate	14.19	163	334373	39.959	ng/ul	99
48) 2,6-Dinitrotoluene	14.33	165	72022	40.682	ng/ul	89
50) Acenaphthylene	14.47	152	352584	38.999	ng/ul	99
51) 3-Nitroaniline	14.67	138	63679	47.707	ng/ul#	93
52) Acenaphthene	14.80	153	259111	39.518	ng/ul	97
53) 2,4-Dinitrophenol	14.88	184	40177	33.987	ng/ul	88
55) 4-Nitrophenol	15.04	109	67190	43.928	ng/ul	94
56) Dibenzofuran	15.14	168	378896	40.087	ng/ul	96
57) 2,4-Dinitrotoluene	15.12	165	101010	40.387	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.38	232	94066	36.682	ng/ul	98
59) Diethylphthalate	15.54	149	346560	40.818	ng/ul	97
61) Fluorene	15.79	166	308130	40.157	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.77	204	191633	41.046	ng/ul	99
63) 4-Nitroaniline	15.84	138	60820	46.715	ng/ul	94
66) 4,6-Dinitro-2-methylphenol	15.89	198	67756	37.624	ng/ul#	97
67) N-Nitrosodiphenylamine	15.99	169	280713	40.286	ng/ul	99
68) 4-Bromophenyl-phenylether	16.66	248	127482	39.840	ng/ul	96
69) Hexachlorobenzene	16.79	284	135210	40.308	ng/ul	98
70) Atrazine	16.95	200	132648	42.482	ng/ul	100
71) Pentachlorophenol	17.16	266	55271	27.106	ng/ul	96
72) Phenanthrene	17.53	178	544692	40.257	ng/ul	97
74) Anthracene	17.62	178	553697	40.260	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.54	216	167677	42.990	ng/uL	99
76) Pentachlorobenzene	15.05	250	165167	41.756	ng/uL	99
77) Carbazole	17.90	167	480671	42.626	ng/ul	99
78) Di-n-butylphthalate	18.43	149	589732	41.119	ng/ul	99
80) Fluoranthene	19.53	202	705659	39.471	ng/ul	100
82) Pyrene	19.90	202	694464	39.685	ng/ul	98
83) Butylbenzylphthalate	20.77	149	261183	40.912	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.66	252	256996	43.462	ng/ul	97
85) Benzo(a)anthracene	21.75	228	691555	39.384	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.62	149	369229	40.523	ng/ul	100
87) Chrysene	21.82	228	672214	39.688	ng/ul	97
89) Di-n-octyl phthalate	22.85	149	627760	44.771	ng/ul	100
90) Benzo(b)fluoranthene	24.01	252	692966	41.445	ng/ul	98
91) Benzo(k)fluoranthene	24.08	252	691109	42.320	ng/ul	97
93) Benzo(a)pyrene	24.91	252	619870	40.647	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.84	276	789257	41.742	ng/ul	99
95) Dibenzo(a,h)anthracene	28.90	278	668723	42.672	ng/ul	99
96) Benzo(g,h,i)perylene	30.02	276	649923	41.206	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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