Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022421\
Data File : BG048312.D
Acq On : 24 Feb 2021 17:14
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SICV011

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Quant Time: Feb 24 17:57:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG022421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 17:16:41 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	30189	20.00	ng/ul	0.00
20) Naphthalene-d8	10.92	136	119329	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.74	164	89144	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.49	188	228227	20.00	ng/ul	0.00
79) Chrysene-d12	21.77	240	248425	20.00	ng/ul	0.00
88) Perylene-d12	25.06	264	243584	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	6394	9.66	ng/uL	0.00
4) Pyridine-d5	3.93	84	40795	19.08	ng/ul	0.00
7) Phenol-d5	7.32	99	53902	19.72	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.43	67	36105	20.97	ng/ul	0.00
11) 2-Chlorophenol-d4	7.66	132	41527	21.85	ng/ul	0.00
15) 4-Methylphenol-d8	8.85	113	44662	20.77	ng/ul	0.00
21) Nitrobenzene-d5	9.28	128	20320	20.70	ng/ul	0.00
24) 2-Nitrophenol-d4	10.00	143	24858	20.64	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.57	165	46817	20.90	ng/ul	0.00
31) 4-Chloroaniline-d4	11.08	131	58119	20.53	ng/ul	0.00
46) Dimethylphthalate-d6	14.14	166	155478	21.45	ng/ul	0.00
49) Acenaphthylene-d8	14.44	160	170703	21.23	ng/ul	0.00
54) 4-Nitrophenol-d4	15.01	143	31486m	20.86	ng/ul	0.00
60) Fluorene-d10	15.73	176	137929	21.30	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.87	200	30555	19.65	ng/ul	0.00
73) Anthracene-d10	17.59	188	229528	20.93	ng/ul	0.00
81) Pyrene-d10	19.87	212	284803	21.39	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.83	264	281566	20.85	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	7187	8.698	ng/uL	92
5) Pyridine	3.95	79	44104	19.905	ng/ul	98
6) Benzaldehyde	7.25	77	42301	26.084	ng/ul	87
8) Phenol	7.34	94	57752	20.192	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.53	93	45336	20.529	ng/ul	99
12) 2-Chlorophenol	7.69	128	42586	21.377	ng/ul	97
13) 2-Methylphenol	8.58	108	41068	19.564	ng/ul	93
14) 2,2'-oxybis(1-Chloropropan	8.63	45	62387	20.548	ng/ul#	91
16) Acetophenone	8.94	105	77909	20.969	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.91	70	44142	21.302	ng/ul	96
18) 4-Methylphenol	8.92	108	43853	19.853	ng/ul	91
19) Hexachloroethane	9.19	117	19531	20.847	ng/ul	97
22) Nitrobenzene	9.32	77	66864	21.653	ng/ul	92
23) Isophorone	9.84	82	114155	21.003	ng/ul#	91
25) 2-Nitrophenol	10.04	139	26659	20.916	ng/ul	97
26) 2,4-Dimethylphenol	10.12	107	57315	21.169	ng/ul	95
27) Bis(2-Chloroethoxy)methane	10.32	93	62604	21.376	ng/ul	95
29) 2,4-Dichlorophenol	10.59	162	47004	21.314	ng/ul	96
30) Naphthalene	10.98	128	137818	20.906	ng/ul	99
32) 4-Chloroaniline	11.10	127	58853	20.859	ng/ul	95
33) Hexachlorobutadiene	11.25	225	40820	20.730	ng/ul	95
34) Caprolactam	11.87	113	16366m	20.707	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.25	107	52748	21.895	ng/ul	98
36) 2-Methylnaphthalene	12.57	142	104813	21.452	ng/ul	96
37) 1-Methylnaphthalene	12.79	142	101944	20.729	ng/ul#	96
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	74888	21.211	ng/ul	96
40) Hexachlorocyclopentadiene	12.90	237	44971	19.780	ng/ul#	87
41) 2,4,6-Trichlorophenol	13.20	196	44901	20.532	ng/ul	97
42) 2,4,5-Trichlorophenol	13.29	196	48114	21.572	ng/ul#	96
43) 1,1'-Biphenyl	13.57	154	139312	20.869	ng/ul	98
44) 2-Chloronaphthalene	13.62	162	117652	20.868	ng/ul	98
45) 2-Nitroaniline	13.84	65	43988	20.664	ng/ul	91
47) Dimethylphthalate	14.19	163	161687	21.560	ng/ul	99
48) 2,6-Dinitrotoluene	14.32	165	34048	21.498	ng/ul	91
50) Acenaphthylene	14.47	152	169687	21.275	ng/ul	99
51) 3-Nitroaniline	14.67	138	31483	22.803	ng/ul#	89
52) Acenaphthene	14.80	153	124116	21.156	ng/ul	94
53) 2,4-Dinitrophenol	14.88	184	15097	17.231	ng/ul	95
55) 4-Nitrophenol	15.03	109	31451	21.041	ng/ul	92
56) Dibenzofuran	15.14	168	186065	21.581	ng/ul	99
57) 2,4-Dinitrotoluene	15.12	165	51451	22.311	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	44277	21.478	ng/ul#	96
59) Diethylphthalate	15.54	149	165507	21.168	ng/ul	99
61) Fluorene	15.78	166	147862	21.164	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.77	204	90266	21.127	ng/ul	96
63) 4-Nitroaniline	15.83	138	30040	22.947	ng/ul	92
66) 4,6-Dinitro-2-methylphenol	15.89	198	31410	20.309	ng/ul#	98
67) N-Nitrosodiphenylamine	15.99	169	135921	21.079	ng/ul	96
68) 4-Bromophenyl-phenylether	16.66	248	61982	21.438	ng/ul	93
69) Hexachlorobenzene	16.79	284	67223	21.491	ng/ul	95
70) Atrazine	16.94	200	63365	20.761	ng/ul	96
71) Pentachlorophenol	17.16	266	21934	16.853	ng/ul	99
72) Phenanthrene	17.53	178	265847	20.817	ng/ul	99
74) Anthracene	17.62	178	274072	21.348	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.54	216	76836	20.157	ng/uL	95
76) Pentachlorobenzene	15.05	250	80441	20.926	ng/uL	97
77) Carbazole	17.90	167	236190	21.078	ng/ul	99
78) Di-n-butylphthalate	18.43	149	285202	20.717	ng/ul	100
80) Fluoranthene	19.53	202	359390	21.739	ng/ul	98
82) Pyrene	19.89	202	357506	21.707	ng/ul	99
83) Butylbenzylphthalate	20.76	149	130973	21.343	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.66	252	129898	21.872	ng/ul	99
85) Benzo(a)anthracene	21.75	228	359025	21.321	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.62	149	182851	20.915	ng/ul#	99
87) Chrysene	21.81	228	347591	21.153	ng/ul	99
89) Di-n-octyl phthalate	22.85	149	313929	21.307	ng/ul	100
90) Benzo(b)fluoranthene	24.01	252	352085	20.882	ng/ul	98
91) Benzo(k)fluoranthene	24.08	252	342556	20.973	ng/ul	97
93) Benzo(a)pyrene	24.90	252	308812	20.898	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.83	276	391582m	20.549	ng/ul	
95) Dibenzo(a,h)anthracene	28.88	278	327227	20.499	ng/ul	97
96) Benzo(g,h,i)perylene	30.00	276	322434	20.639	ng/ul	98

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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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