Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120320\
Data File : BM028019.D
Acq On : 03 Dec 2020 15:55
Operator : JU/CG
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV007

Manual Integrations APPROVED
mohammad
12/7/2020 8:50:46 AM

Quant Time: Dec 03 16:38:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 15:09:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	191818	20.00	ng/ul	0.00
20) Naphthalene-d8	11.13	136	746864	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.92	164	401390	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	776712	20.00	ng/ul	0.00
79) Chrysene-d12	21.74	240	751752	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	776895	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	41074	7.99	ng/uL	0.00
4) Pyridine-d5	3.93	84	276109	19.93	ng/ul	0.00
7) Phenol-d5	7.42	99	317540	19.89	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.60	67	197402	19.89	ng/ul	0.00
11) 2-Chlorophenol-d4	7.81	132	273159	20.54	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	250719	19.91	ng/ul	0.00
21) Nitrobenzene-d5	9.47	128	120808	20.83	ng/ul	0.00
24) 2-Nitrophenol-d4	10.20	143	122923	21.22	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	242267	20.62	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	324686	20.20	ng/ul	0.00
46) Dimethylphthalate-d6	14.31	166	609690	20.53	ng/ul	0.00
49) Acenaphthylene-d8	14.61	160	789314	20.71	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	114131	19.93	ng/ul	0.00
60) Fluorene-d10	15.89	176	539098	20.25	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	16.00	200	85919	19.06	ng/ul	0.00
73) Anthracene-d10	17.73	188	775992	20.38	ng/ul	0.00
81) Pyrene-d10	19.98	212	809657	20.52	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	855311	20.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	43122	8.165	ng/uL	91
5) Pyridine	3.96	79	278693	20.045	ng/ul	98
6) Benzaldehyde	7.41	77	147057m	22.278	ng/ul	
8) Phenol	7.45	94	323394	19.846	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.69	93	268308	19.997	ng/ul	98
12) 2-Chlorophenol	7.85	128	278936	20.371	ng/ul	99
13) 2-Methylphenol	8.73	108	239798	19.661	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.82	45	428519	19.847	ng/ul	100
16) Acetophenone	9.13	105	376229	19.964	ng/ul	100
17) N-Nitroso-di-n-propylamine	9.10	70	180903	20.202	ng/ul	99
18) 4-Methylphenol	9.06	108	258878	19.799	ng/ul	94
19) Hexachloroethane	9.39	117	117303	20.411	ng/ul	93
22) Nitrobenzene	9.51	77	291702	20.387	ng/ul	99
23) Isophorone	10.04	82	497249	20.774	ng/ul	99
25) 2-Nitrophenol	10.23	139	139861	21.345	ng/ul	99
26) 2,4-Dimethylphenol	10.27	107	272699	20.252	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.52	93	339508	20.662	ng/ul	98
29) 2,4-Dichlorophenol	10.76	162	235617	20.494	ng/ul	98
30) Naphthalene	11.18	128	848581	20.120	ng/ul	100
32) 4-Chloroaniline	11.27	127	315976	20.297	ng/ul	99
33) Hexachlorobutadiene	11.46	225	153665	20.413	ng/ul	99
34) Caprolactam	12.04	113	64418	19.446	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.37	107	236313	20.493	ng/ul	98
36) 2-Methylnaphthalene	12.76	142	560631	20.217	ng/ul	99
37) 1-Methylnaphthalene	12.98	142	537912	20.179	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	276549	20.244	ng/ul	96
40) Hexachlorocyclopentadiene	13.10	237	153020	19.654	ng/ul	98
41) 2,4,6-Trichlorophenol	13.36	196	169270	20.677	ng/ul	98
42) 2,4,5-Trichlorophenol	13.42	196	183559	20.881	ng/ul	95
43) 1,1'-Biphenyl	13.75	154	699194	20.329	ng/ul	100
44) 2-Chloronaphthalene	13.80	162	551581	20.356	ng/ul	98
45) 2-Nitroaniline	13.99	65	141776	21.044	ng/ul	100
47) Dimethylphthalate	14.36	163	629211	20.493	ng/ul	99
48) 2,6-Dinitrotoluene	14.47	165	123091	21.116	ng/ul	95
50) Acenaphthylene	14.64	152	810651	20.519	ng/ul	99
51) 3-Nitroaniline	14.80	138	119762	20.701	ng/ul	99
52) Acenaphthene	14.97	153	578292	20.397	ng/ul	99
53) 2,4-Dinitrophenol	15.00	184	59916	17.869	ng/ul	97
55) 4-Nitrophenol	15.09	109	84677	20.107	ng/ul	94
56) Dibenzofuran	15.30	168	776005	20.207	ng/ul	100
57) 2,4-Dinitrotoluene	15.26	165	173848	21.284	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.52	232	146746	20.783	ng/ul	98
59) Diethylphthalate	15.70	149	622376	20.691	ng/ul	99
61) Fluorene	15.94	166	635386	20.268	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.93	204	311416	20.287	ng/ul	98
63) 4-Nitroaniline	15.95	138	100746	19.657	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	16.01	198	96654	19.471	ng/ul	99
67) N-Nitrosodiphenylamine	16.14	169	523836	20.505	ng/ul	98
68) 4-Bromophenyl-phenylether	16.82	248	182636	20.574	ng/ul	99
69) Hexachlorobenzene	16.94	284	207513	20.263	ng/ul	99
70) Atrazine	17.07	200	173829	20.108	ng/ul	98
71) Pentachlorophenol	17.27	266	110095	19.211	ng/ul	98
72) Phenanthrene	17.67	178	962929	20.390	ng/ul	99
74) Anthracene	17.76	178	981165	20.398	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.73	216	264733	20.182	ng/uL	100
76) Pentachlorobenzene	15.23	250	256252	20.386	ng/uL	98
77) Carbazole	18.02	167	835531	20.414	ng/ul	100
78) Di-n-butylphthalate	18.56	149	996166	21.352	ng/ul	99
80) Fluoranthene	19.65	202	1053363	20.371	ng/ul	100
82) Pyrene	20.01	202	1096050	20.309	ng/ul	100
83) Butylbenzylphthalate	20.86	149	421430	21.756	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.64	252	341061	20.475	ng/ul	98
85) Benzo(a)anthracene	21.72	228	1016744	20.374	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.62	149	627631	21.416	ng/ul	98
87) Chrysene	21.77	228	1000950	20.294	ng/ul	100
89) Di-n-octyl phthalate	22.54	149	1071289	20.343	ng/ul	100
90) Benzo(b)fluoranthene	23.41	252	1038459	20.260	ng/ul	98
91) Benzo(k)fluoranthene	23.46	252	1015863	20.538	ng/ul	99
93) Benzo(a)pyrene	24.03	252	952464	20.427	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.62	276	1170326	20.444	ng/ul	98
95) Dibenzo(a,h)anthracene	26.63	278	989953	20.459	ng/ul	99
96) Benzo(g,h,i)perylene	27.39	276	988527	20.466	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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