Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051051.D
Acq On : 30 Sep 2022 22:00
Operator : JC/MD
Sample : N4859-21MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10042MSD

Quant Time: Oct 01 01:30:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 01 01:23:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	461322	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	452174	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	220637	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	148287	31.717	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 63.440%			
7) Chloroethane-d5	1.909	69	152331	35.075	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 70.160%			
11) 1,1-Dichloroethene-d2	2.568	63	271898	39.371	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.740%			
21) 2-Butanone-d5	4.626	46	303656	100.140	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.140%			
24) Chloroform-d	5.063	84	317522	42.154	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.300%			
26) 1,2-Dichloroethane-d4	5.700	65	200396	42.982	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.960%			
32) Benzene-d6	5.726	84	615771	46.504	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.000%			
36) 1,2-Dichloropropane-d6	6.690	67	210736	49.046	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.100%			
41) Toluene-d8	7.896	98	558586	45.659	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.320%			
43) trans-1,3-Dichloroprop...	8.179	79	95124	46.416	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.840%			
47) 2-Hexanone-d5	8.632	63	175470	101.139	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.140%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	339196	45.170	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.340%			
66) 1,2-Dichlorobenzene-d4	12.192	152	204180	43.319	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	170945	44.190	ug/L	100
3) Chloromethane	1.520	50	226889	49.642	ug/L	98
5) Vinyl chloride	1.604	62	224770	46.338	ug/L	97
6) Bromomethane	1.858	94	132404	32.953	ug/L	95
8) Chloroethane	1.932	64	164355	46.143	ug/L	98
9) Trichlorofluoromethane	2.134	101	262024	40.174	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	153045	43.456	ug/L	97
12) 1,1-Dichloroethene	2.578	96	151898	46.173	ug/L	89
13) Acetone	2.639	43	231930	95.783	ug/L	97
14) Carbon disulfide	2.790	76	460767	47.382	ug/L	100
15) Methyl Acetate	2.951	43	215489	48.745	ug/L	99
16) Methylene chloride	3.044	84	204443	43.290	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	167603	47.888	ug/L	97
18) Methyl tert-butyl Ether	3.363	73	573794	53.948	ug/L	99
19) 1,1-Dichloroethane	3.867	63	333852	50.217	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	197955	50.657	ug/L	97
22) 2-Butanone	4.707	43	357226	106.778	ug/L	96
23) Bromochloromethane	4.973	128	101256	47.291	ug/L	90
25) Chloroform	5.086	83	354366	49.004	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051051.D
Acq On : 30 Sep 2022 22:00
Operator : JC/MD
Sample : N4859-21MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10042MSD

Quant Time: Oct 01 01:30:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 01 01:23:58 2022
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27)	1,2-Dichloroethane	5.793	62	277072	50.018	ug/L	99
29)	Cyclohexane	5.388	56	249054	56.567	ug/L	98
30)	1,1,1-Trichloroethane	5.314	97	274942	51.846	ug/L	99
31)	Carbon tetrachloride	5.523	117	216187	49.965	ug/L	97
33)	Benzene	5.771	78	788896	57.227	ug/L	100
34)	Trichloroethene	6.539	95	189813	53.161	ug/L	96
35)	Methylcyclohexane	6.761	83	250346	51.515	ug/L	97
37)	1,2-Dichloropropane	6.790	63	215394	58.022	ug/L	99
38)	Bromodichloromethane	7.105	83	267279	53.950	ug/L	97
39)	cis-1,3-Dichloropropene	7.607	75	294784	56.071	ug/L	99
40)	4-Methyl-2-pentanone	7.790	43	661530	123.050	ug/L	99
42)	Toluene	7.967	91	816205	55.664	ug/L	98
44)	trans-1,3-Dichloropropene	8.208	75	282837	53.207	ug/L	98
45)	1,1,2-Trichloroethane	8.398	97	209824	52.181	ug/L	99
46)	Tetrachloroethene	8.552	164	127252	47.028	ug/L	98
48)	2-Hexanone	8.684	43	575365	117.829	ug/L	98
49)	Dibromochloromethane	8.806	129	210623	49.820	ug/L	99
50)	1,2-Dibromoethane	8.922	107	220042	50.472	ug/L	96
51)	Chlorobenzene	9.446	112	489912	49.131	ug/L	99
52)	Ethylbenzene	9.568	91	817150	52.246	ug/L	98
53)	m,p-Xylene	9.690	106	309509	52.624	ug/L	95
54)	o-Xylene	10.099	106	318484	54.175	ug/L	99
55)	Styrene	10.111	104	551899	54.318	ug/L	97
57)	1,1,2,2-Tetrachloroethane	10.780	83	369400	51.908	ug/L	99
59)	Bromoform	10.288	173	154771	47.675	ug/L	98
60)	1,2,3-Trichloropropane	10.822	75	297866	51.301	ug/L	99
61)	Isopropylbenzene	10.481	105	793240	55.344	ug/L	98
62)	1,3,5-Trimethylbenzene	11.086	105	656807	56.041	ug/L	99
63)	1,2,4-Trimethylbenzene	11.465	105	662690	56.416	ug/L	100
64)	1,3-Dichlorobenzene	11.742	146	352729	47.738	ug/L	98
65)	1,4-Dichlorobenzene	11.835	146	355204	48.091	ug/L	99
67)	1,2-Dichlorobenzene	12.208	146	377066	49.670	ug/L	99
68)	1,2-Dibromo-3-chloropr...	12.992	75	88599	52.290	ug/L	96
69)	1,3,5-Trichlorobenzene	13.217	180	248769	49.648	ug/L	99
70)	1,2,4-trichlorobenzene	13.838	180	210402	51.322	ug/L	99
71)	Naphthalene	14.082	128	862703	58.794	ug/L	99
72)	1,2,3-Trichlorobenzene	14.327	180	238074	52.042	ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051051.D
Acq On : 30 Sep 2022 22:00
Operator : JC/MD
Sample : N4859-21MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10042MSD

Quant Time: Oct 01 01:30:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 01 01:23:58 2022
Response via : Initial Calibration