Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062220\
Data File : VU039032.D
Acq On : 23 Jun 2020 02:17
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: Jun 23 03:53:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 23 01:25:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	238273	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	234437	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	117241	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	96102	4.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.20%			
7) Chloroethane-d5	1.93	69	76144	5.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.60%			
11) 1,1-Dichloroethene-d2	2.59	63	175941	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.60%			
20) 2-Butanone-d5	4.66	46	322522	50.61	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.22%			
24) Chloroform-d	5.10	84	170545	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.74	65	113874	5.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.80%			
32) Benzene-d6	5.76	84	352920	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.80%			
36) 1,2-Dichloropropane-d6	6.72	67	117692	5.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.20%			
41) Toluene-d8	7.92	98	288645	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
43) trans-1,3-Dichloropropene-	8.20	79	50112	5.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.20%			
46) 2-Hexanone-d5	8.65	63	261110	54.70	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.40%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108632	5.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.60%			
64) 1,2-Dichlorobenzene-d4	12.20	152	113204	4.96	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	101630	4.404	ug/L	99
3) Chloromethane	1.53	50	79557	6.015	ug/L	97
5) Vinyl chloride	1.62	62	121613	4.999	ug/L #	81
6) Bromomethane	1.87	94	41942	7.231	ug/L	99
8) Chloroethane	1.95	64	75404	5.632	ug/L	97
9) Trichlorofluoromethane	2.15	101	141107	4.574	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	76988	4.239	ug/L	98
12) 1,1-Dichloroethene	2.60	96	81835	4.750	ug/L	96
13) Acetone	2.66	43	206095	51.264	ug/L	99
14) Carbon disulfide	2.82	76	278524	4.672	ug/L	99
15) Methyl Acetate	2.98	43	56570	5.529	ug/L	100
16) Methylene chloride	3.07	84	110560	5.279	ug/L	98
17) Methyl tert-butyl Ether	3.40	73	226715	5.440	ug/L	100
18) trans-1,2-Dichloroethene	3.38	96	90404	4.924	ug/L	99
19) 1,1-Dichloroethane	3.91	63	190683	5.243	ug/L	97
21) 2-Butanone	4.75	43	350551	54.076	ug/L	100
22) cis-1,2-Dichloroethene	4.70	96	103431	5.253	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.01	128	48790	5.318	ug/L		97
25) Chloroform	5.12	83	210419	5.574	ug/L		98
27) 1,2-Dichloroethane	5.83	62	138486	5.451	ug/L		98
29) 1,1,1-Trichloroethane	5.35	97	148942	4.975	ug/L		99
30) Cyclohexane	5.42	56	117247	3.971	ug/L		99
31) Carbon tetrachloride	5.56	117	115887	4.636	ug/L		99
33) Benzene	5.81	78	401406	5.302	ug/L		100
34) Trichloroethene	6.57	95	90434	4.786	ug/L		98
35) Methylcyclohexane	6.79	83	109054	3.810	ug/L		97
37) 1,2-Dichloropropane	6.82	63	112472	5.525	ug/L		98
38) Bromodichloromethane	7.13	83	137121	5.455	ug/L		95
39) cis-1,3-Dichloropropene	7.63	75	146275	5.032	ug/L		99
40) 4-Methyl-2-pentanone	7.82	43	828987	55.710	ug/L		100
42) Toluene	7.99	91	381854	5.020	ug/L		99
44) trans-1,3-Dichloropropene	8.23	75	137940	5.293	ug/L		99
45) 1,1,2-Trichloroethane	8.42	97	81525	5.440	ug/L		99
47) Tetrachloroethene	8.57	164	58058	4.364	ug/L		94
48) 2-Hexanone	8.71	43	627428	55.707	ug/L		99
49) Dibromochloromethane	8.83	129	92005	5.565	ug/L		96
50) 1,2-Dibromoethane	8.94	107	77684	5.478	ug/L	#	100
51) Chlorobenzene	9.47	112	235744	4.851	ug/L		99
52) Ethylbenzene	9.59	91	369292	4.529	ug/L		99
53) m,p-Xylene	9.71	106	144213	4.677	ug/L		100
54) o-Xylene	10.11	106	141295	4.821	ug/L		97
55) Styrene	10.13	104	258322	5.124	ug/L		99
56) Isopropylbenzene	10.50	105	335699	4.326	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.80	83	106662	5.374	ug/L		99
59) 1,2,3-Trichloropropane	10.84	75	82418	5.499	ug/L		100
61) Bromoform	10.31	173	50507	5.534	ug/L		98
62) 1,3-Dichlorobenzene	11.76	146	176844	4.734	ug/L		97
63) 1,4-Dichlorobenzene	11.85	146	182043	4.748	ug/L		98
65) 1,2-Dichlorobenzene	12.22	146	177187	4.880	ug/L		99
66) 1,2-Dibromo-3-chloropropan	13.01	75	18062	5.501	ug/L		85
67) 1,3,5-Trichlorobenzene	13.24	180	119387	4.442	ug/L		99
68) 1,2,4-trichlorobenzene	13.87	180	105034	4.551	ug/L		99
69) Naphthalene	14.11	128	223890	4.896	ug/L		99
70) 1,2,3-Trichlorobenzene	14.36	180	104644	4.831	ug/L		100

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

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