Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011323\
Data File : VX033717.D
Acq On : 13 Jan 2023 12:27
Operator : JC/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD050615

Quant Time: Jan 14 01:55:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122722WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 28 01:59:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	250362	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	229328	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	127820	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	70249	57.311	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 114.620%			
7) Chloroethane-d5	1.672	69	56125	48.615	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.220%			
11) 1,1-Dichloroethene-d2	2.306	63	155515	60.259	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 120.520%			
21) 2-Butanone-d5	4.465	46	117261	128.220	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 128.220%			
24) Chloroform-d	5.050	84	159231	48.846	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.700%			
26) 1,2-Dichloroethane-d4	5.952	65	100587	49.067	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.140%			
32) Benzene-d6	5.970	84	313485	50.078	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.160%			
36) 1,2-Dichloropropane-d6	7.305	67	97093	52.544	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.080%			
41) Toluene-d8	8.647	98	293471	47.467	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.940%			
43) trans-1,3-Dichloroprop...	8.945	79	42430	46.858	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.720%			
47) 2-Hexanone-d5	9.384	63	85798	121.826	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 121.830%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	130891	51.194	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.380%			
66) 1,2-Dichlorobenzene-d4	12.317	152	127441	50.250	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	97958	56.115	ug/L	99
3) Chloromethane	1.294	50	94937	72.468	ug/L	99
5) Vinyl chloride	1.374	62	93385	64.771	ug/L	100
6) Bromomethane	1.617	94	44308	48.900	ug/L	95
8) Chloroethane	1.691	64	52234	52.373	ug/L	100
9) Trichlorofluoromethane	1.886	101	132749	60.888	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	85823	60.396	ug/L	96
12) 1,1-Dichloroethene	2.319	96	77992	60.255	ug/L	91
13) Acetone	2.398	43	94848	143.507	ug/L	97
14) Carbon disulfide	2.514	76	213456	53.115	ug/L	99
15) Methyl Acetate	2.703	43	87718	72.391	ug/L	94
16) Methylene chloride	2.788	84	83935	59.349	ug/L	92
17) trans-1,2-Dichloroethene	3.093	96	82318	56.286	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	240863	55.611	ug/L	96
19) 1,1-Dichloroethane	3.605	63	146874	56.057	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	90109	52.987	ug/L	88
22) 2-Butanone	4.562	43	137621	137.380	ug/L	95
23) Bromochloromethane	4.897	128	48465	53.962	ug/L	89
25) Chloroform	5.086	83	156200	52.061	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	6.086	62	122014	52.280	ug/L		96
29) Cyclohexane	5.470	56	147068	59.981	ug/L		95
30) 1,1,1-Trichloroethane	5.379	97	134461	47.655	ug/L		98
31) Carbon tetrachloride	5.672	117	122076	46.899	ug/L		98
33) Benzene	6.037	78	342664	54.301	ug/L		100
34) Trichloroethene	7.123	95	89472	51.454	ug/L		96
35) Methylcyclohexane	7.379	83	155663	56.181	ug/L		94
37) 1,2-Dichloropropane	7.427	63	86381	56.099	ug/L		100
38) Bromodichloromethane	7.818	83	96982	40.824	ug/L		99
39) cis-1,3-Dichloropropene	8.366	75	101486	41.081	ug/L		99
40) 4-Methyl-2-pentanone	8.574	43	226880	121.208	ug/L		94
42) Toluene	8.714	91	374514	52.791	ug/L		99
44) trans-1,3-Dichloropropene	8.976	75	121615	50.954	ug/L		99
45) 1,1,2-Trichloroethane	9.153	97	87332	53.032	ug/L		99
46) Tetrachloroethene	9.275	164	82549	56.847	ug/L		93
48) 2-Hexanone	9.427	43	194627	134.746	ug/L		98
49) Dibromochloromethane	9.518	129	99141	48.580	ug/L		100
50) 1,2-Dibromoethane	9.610	107	93453	51.952	ug/L		100
51) Chlorobenzene	10.079	112	248068	53.082	ug/L		99
52) Ethylbenzene	10.189	91	412881	53.249	ug/L		97
53) m,p-Xylene	10.299	106	166131	54.085	ug/L		93
54) o-Xylene	10.640	106	162747	53.712	ug/L		95
55) Styrene	10.652	104	276363	54.537	ug/L		99
57) 1,1,2,2-Tetrachloroethane	11.213	83	133567	54.127	ug/L		99
59) Bromoform	10.799	173	74970	45.779	ug/L	#	99
60) Isopropylbenzene	10.963	105	423309	48.881	ug/L		98
61) 1,2,3-Trichloropropane	11.238	75	101743	49.653	ug/L		100
62) 1,3,5-Trimethylbenzene	11.451	105	368537	50.789	ug/L		95
63) 1,2,4-Trimethylbenzene	11.750	105	362399	50.755	ug/L		96
64) 1,3-Dichlorobenzene	11.969	146	206437	53.086	ug/L		98
65) 1,4-Dichlorobenzene	12.042	146	205719	51.966	ug/L		98
67) 1,2-Dichlorobenzene	12.335	146	201586	51.859	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.945	75	26481	45.277	ug/L		88
69) 1,3,5-Trichlorobenzene	13.109	180	156972	57.551	ug/L		97
70) 1,2,4-trichlorobenzene	13.585	180	139361	57.328	ug/L		99
71) Naphthalene	13.774	128	417681	53.930	ug/L		100
72) 1,2,3-Trichlorobenzene	13.963	180	140785	57.791	ug/L		98

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

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