Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050832.D
Acq On : 20 Sep 2022 14:38
Operator : JC/MD
Sample : VSTD05033
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050033

Quant Time: Sep 21 02:10:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 21 02:08:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	461283	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	449141	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	219539	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	238524	57.386	ug/L	0.00
7) Chloroethane-d5	1.899	69	174777	62.225	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	366331	51.500	ug/L	0.00
21) 2-Butanone-d5	4.616	46	312565	106.713	ug/L	0.00
24) Chloroform-d	5.060	84	376846	50.127	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	232488	50.432	ug/L	0.00
32) Benzene-d6	5.726	84	761957	50.986	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	250159	51.193	ug/L	0.00
41) Toluene-d8	7.896	98	678364	52.917	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	110474	53.778	ug/L	0.00
47) 2-Hexanone-d5	8.629	63	219704	155.040	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	382346	51.354	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	225765	44.225	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	233167	51.633	ug/L	100
3) Chloromethane	1.523	50	269866	54.327	ug/L	100
5) Vinyl chloride	1.600	62	263345	55.753	ug/L	100
6) Bromomethane	1.838	94	143060	59.136	ug/L	100
8) Chloroethane	1.922	64	150856	59.832	ug/L	100
9) Trichlorofluoromethane	2.131	101	289049	51.528	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	181644	49.654	ug/L	100
12) 1,1-Dichloroethene	2.575	96	172798	48.902	ug/L	100
13) Acetone	2.620	43	248008	111.073	ug/L	100
14) Carbon disulfide	2.787	76	542326	50.948	ug/L	100
15) Methyl Acetate	2.944	43	243546	52.124	ug/L	100
16) Methylene chloride	3.041	84	221837	47.829	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	179200	48.171	ug/L	100
18) Methyl tert-butyl Ether	3.362	73	551338	47.955	ug/L	100
19) 1,1-Dichloroethane	3.867	63	362831	50.223	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	202464	48.239	ug/L	100
22) 2-Butanone	4.697	43	363687	105.873	ug/L	100
23) Bromochloromethane	4.970	128	103283	47.698	ug/L	100
25) Chloroform	5.086	83	361327	49.357	ug/L	100
27) 1,2-Dichloroethane	5.793	62	278485	51.076	ug/L	100
29) Cyclohexane	5.388	56	315644	51.902	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	294403	48.678	ug/L	100
31) Carbon tetrachloride	5.523	117	244880	49.219	ug/L	100
33) Benzene	5.771	78	843780	51.304	ug/L	100
34) Trichloroethene	6.539	95	189355	49.709	ug/L	100
35) Methylcyclohexane	6.761	83	315237	51.552	ug/L	100
37) 1,2-Dichloropropane	6.790	63	225677	51.848	ug/L	100
38) Bromodichloromethane	7.105	83	264547	51.784	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	306852	52.202	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	663180	110.657	ug/L	100
42) Toluene	7.967	91	860918	51.495	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	299073	53.524	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.398	97	208169	49.987	ug/L	100
46) Tetrachloroethene	8.552	164	136797	49.181	ug/L	100
48) 2-Hexanone	8.681	43	554678	100.888	ug/L	100
49) Dibromochloromethane	8.809	129	204422	51.166	ug/L	100
50) 1,2-Dibromoethane	8.922	107	218245	51.446	ug/L	100
51) Chlorobenzene	9.446	112	497795	48.407	ug/L	100
52) Ethylbenzene	9.568	91	841436	51.272	ug/L	100
53) m,p-Xylene	9.690	106	325942	51.458	ug/L	100
54) o-Xylene	10.098	106	318675	50.963	ug/L	100
55) Styrene	10.111	104	562919	54.100	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	382835	50.975	ug/L	100
59) Bromoform	10.288	173	152312	46.230	ug/L	100
60) 1,2,3-Trichloropropane	10.819	75	296132	45.893	ug/L	100
61) Isopropylbenzene	10.484	105	809118	46.780	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	676210	45.929	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	678529	47.689	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	358025	46.833	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	352137	46.607	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	368250	45.345	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	82573	47.612	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	234825	42.916	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	195001	41.725	ug/L	100
71) Naphthalene	14.085	128	770589	45.490	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	221157	43.543	ug/L	100

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

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