

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
 Data File : VX044162.D
 Acq On : 06 Dec 2024 08:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050797

Quant Time: Dec 07 03:53:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 03:51:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	206319	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	176121	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	80145	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	82274	43.576	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.160%
7) Chloroethane-d5	1.648	69	60011	41.031	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.060%
11) 1,1-Dichloroethene-d2	2.294	65	35767	44.295	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.600%
21) 2-Butanone-d5	4.452	46	107433	92.938	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.940%
24) Chloroform-d	5.044	84	163197	45.524	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.040%
26) 1,2-Dichloroethane-d4	5.946	65	107887	42.557	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.120%
32) Benzene-d6	5.958	84	281188	46.206	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.420%
36) 1,2-Dichloropropane-d6	7.299	67	87410	46.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.520%
41) Toluene-d8	8.641	98	248481	44.160	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.320%
43) trans-1,3-Dichloroprop...	8.945	79	40333	44.416	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.840%
47) 2-Hexanone-d5	9.384	63	68524	93.006	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.010%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	118904	46.928	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.860%
66) 1,2-Dichlorobenzene-d4	12.317	152	85511	45.793	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.580%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.166	85	88511	52.900	ug/L	100
3) Chloromethane	1.294	50	73515	47.628	ug/L	98
5) Vinyl chloride	1.374	62	82501	49.542	ug/L	96
6) Bromomethane	1.593	94	53540	47.303	ug/L	97
8) Chloroethane	1.666	64	52663	47.769	ug/L	95
9) Trichlorofluoromethane	1.867	101	171298	55.208	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	74715	54.677	ug/L	92
12) 1,1-Dichloroethene	2.306	96	60999	50.152	ug/L #	53
13) Acetone	2.380	43	97450	94.740	ug/L	90
14) Carbon disulfide	2.502	76	111638	48.452	ug/L	98
15) Methyl Acetate	2.703	43	81886	49.093	ug/L	97
16) Methylene chloride	2.782	84	69144	49.401	ug/L	88
17) trans-1,2-Dichloroethene	3.087	96	64768	51.129	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	250627	49.032	ug/L	97
19) 1,1-Dichloroethane	3.599	63	132216	49.753	ug/L	98
20) cis-1,2-Dichloroethene	4.477	96	77434	50.003	ug/L	94
22) 2-Butanone	4.556	43	121344	97.741	ug/L	97
23) Bromochloromethane	4.885	128	37604	49.793	ug/L #	86
25) Chloroform	5.080	83	150457	50.305	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	125480	50.464	ug/L	96
29) Cyclohexane	5.458	56	120275	55.040	ug/L	99
30) 1,1,1-Trichloroethane	5.367	97	130049	54.396	ug/L	97
31) Carbon tetrachloride	5.666	117	103777	55.419	ug/L	98
33) Benzene	6.025	78	274797	51.380	ug/L	100
34) Trichloroethene	7.117	95	76001	52.049	ug/L	94
35) Methylcyclohexane	7.366	83	119518	56.502	ug/L	96
37) 1,2-Dichloropropane	7.421	63	74280	51.723	ug/L	99
38) Bromodichloromethane	7.818	83	98235	52.210	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	122058	54.263	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	222713	100.171	ug/L	93
42) Toluene	8.714	91	292325	51.585	ug/L	95
44) trans-1,3-Dichloropropene	8.976	75	110544	51.849	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	76262	51.819	ug/L	96
46) Tetrachloroethene	9.269	164	51242	52.607	ug/L	96
48) 2-Hexanone	9.427	43	171564	98.006	ug/L	93
49) Dibromochloromethane	9.519	129	67037	51.534	ug/L	96
50) 1,2-Dibromoethane	9.604	107	75294	49.541	ug/L	96
51) Chlorobenzene	10.073	112	180669	49.693	ug/L	97
52) Ethylbenzene	10.189	91	325131	52.086	ug/L	98
53) m,p-Xylene	10.299	106	118046	52.211	ug/L	99
54) o-Xylene	10.640	106	114918	49.428	ug/L	91
55) Styrene	10.652	104	195973	51.682	ug/L	98
57) 1,1,1,2-Tetrachloroethane	11.207	83	113786	49.840	ug/L #	98
59) Bromoform	10.799	173	40576	50.458	ug/L	97
60) Isopropylbenzene	10.957	105	319895	51.726	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	90228	48.608	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	266345	51.896	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	264361	52.485	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	128413	50.067	ug/L	97
65) 1,4-Dichlorobenzene	12.036	146	129821	50.581	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	135115	51.884	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	21621	51.249	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	84759	52.967	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	73311	51.432	ug/L	96
71) Naphthalene	13.774	128	293463	50.499	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	78297	51.707	ug/L	99

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

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