

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110424\
 Data File : VX043697.D
 Acq On : 04 Nov 2024 20:56
 Operator : JC/MD
 Sample : P4621-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BH6M8

Quant Time: Nov 05 03:50:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 05 03:44:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	285194	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	264349	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	123903	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	64653	42.554	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.100%
7) Chloroethane-d5	1.642	69	32455	49.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.294	65	28482	40.609	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.220%
21) 2-Butanone-d5	4.465	46	110299	110.877	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.880%
24) Chloroform-d	5.056	84	153423	46.842	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.680%
26) 1,2-Dichloroethane-d4	5.952	65	100571	48.335	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.660%
32) Benzene-d6	5.970	84	310781	45.472	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.940%
36) 1,2-Dichloropropane-d6	7.306	67	99124	47.672	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.340%
41) Toluene-d8	8.647	98	278337	44.831	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.660%
43) trans-1,3-Dichloroprop...	8.952	79	46245	46.506	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.020%
47) 2-Hexanone-d5	9.384	63	87256	106.036	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.040%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	129922	48.699	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.317	152	108576	50.577	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.160%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	60730	30.235	ug/L	98
3) Chloromethane	1.294	50	98978	50.705	ug/L	96
5) Vinyl chloride	1.374	62	84304	44.090	ug/L	99
6) Bromomethane	1.593	94	38488	51.944	ug/L	95
8) Chloroethane	1.666	64	36864	54.797	ug/L	100
9) Trichlorofluoromethane	1.867	101	86138	35.499	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	55186	33.115	ug/L	99
12) 1,1-Dichloroethene	2.306	96	67397	44.301	ug/L	86
13) Acetone	2.386	43	119560	129.223	ug/L	98
14) Carbon disulfide	2.501	76	135875	40.402	ug/L	99
15) Methyl Acetate	2.709	43	79133	40.448	ug/L	97
16) Methylene chloride	2.782	84	100679	54.777	ug/L	97
17) trans-1,2-Dichloroethene	3.081	96	77026	47.062	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	335680	53.952	ug/L	99
19) 1,1-Dichloroethane	3.605	63	160047	49.659	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	105067	51.684	ug/L	98
22) 2-Butanone	4.562	43	159522	119.175	ug/L	100
23) Bromochloromethane	4.891	128	57031	55.811	ug/L	94
25) Chloroform	5.086	83	186600	53.954	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	139399	52.164	ug/L	98
29) Cyclohexane	5.464	56	93713	30.552	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	130393	40.718	ug/L	98
31) Carbon tetrachloride	5.672	117	98331	37.429	ug/L	99
33) Benzene	6.031	78	362041	48.048	ug/L	100
34) Trichloroethene	7.123	95	102744	50.720	ug/L	98
35) Methylcyclohexane	7.373	83	91216	30.139	ug/L	98
37) 1,2-Dichloropropane	7.427	63	101822	50.731	ug/L	100
38) Bromodichloromethane	7.818	83	124550	48.788	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	159645	48.722	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	308617	112.969	ug/L	98
42) Toluene	8.714	91	367833	46.413	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	147499	49.367	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	111125	53.992	ug/L	99
46) Tetrachloroethene	9.275	164	60610	41.568	ug/L	95
48) 2-Hexanone	9.433	43	236607	115.867	ug/L	98
49) Dibromochloromethane	9.519	129	101701	53.014	ug/L	99
50) 1,2-Dibromoethane	9.610	107	115481	54.342	ug/L	97
51) Chlorobenzene	10.079	112	256953	49.610	ug/L	99
52) Ethylbenzene	10.195	91	391879	45.491	ug/L	99
53) m,p-Xylene	10.299	106	154772	46.542	ug/L	99
54) o-Xylene	10.640	106	163860	49.426	ug/L	95
55) Styrene	10.652	104	286685	51.984	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	140124	45.457	ug/L	100
59) Bromoform	10.799	173	69085	53.306	ug/L	96
60) Isopropylbenzene	10.963	105	370584	43.135	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	134065	55.743	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	326333	45.190	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	334346	46.501	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	189608	50.174	ug/L	100
65) 1,4-Dichlorobenzene	12.036	146	190210	49.973	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	201494	52.176	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	32711	54.316	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	119313	47.338	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	116179	50.272	ug/L	99
71) Naphthalene	13.774	128	465222	54.209	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	124616	52.175	ug/L	98

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

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