

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111924\
 Data File : VX043889.D
 Acq On : 19 Nov 2024 09:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050791

Quant Time: Nov 20 00:33:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 19 23:30:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	316724	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	251502	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	108146	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	96993	38.385	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.760%
7) Chloroethane-d5	1.654	69	71115	66.738	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	133.480%#
11) 1,1-Dichloroethene-d2	2.300	65	40770	40.145	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.300%
21) 2-Butanone-d5	4.440	46	161372	106.274	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.270%
24) Chloroform-d	5.044	84	210937	45.050	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.100%
26) 1,2-Dichloroethane-d4	5.946	65	129458	41.649	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.300%
32) Benzene-d6	5.964	84	379904	45.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.620%
36) 1,2-Dichloropropane-d6	7.299	67	120383	48.025	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.060%
41) Toluene-d8	8.641	98	338960	46.589	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.180%
43) trans-1,3-Dichloroprop...	8.945	79	57545	50.729	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.460%
47) 2-Hexanone-d5	9.378	63	110717	118.302	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.300%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	151524	47.942	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.880%
66) 1,2-Dichlorobenzene-d4	12.317	152	107085	46.649	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	142905	54.990	ug/L	100
3) Chloromethane	1.294	50	140302	52.801	ug/L	97
5) Vinyl chloride	1.374	62	142308	52.671	ug/L	98
6) Bromomethane	1.599	94	58697	52.163	ug/L	96
8) Chloroethane	1.678	64	77266	64.249	ug/L	95
9) Trichlorofluoromethane	1.880	101	195737	54.144	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	117944	54.734	ug/L	99
12) 1,1-Dichloroethene	2.312	96	104613	53.307	ug/L	90
13) Acetone	2.373	43	164924	123.554	ug/L	98
14) Carbon disulfide	2.508	76	246322	59.058	ug/L	98
15) Methyl Acetate	2.697	43	128245	51.359	ug/L	100
16) Methylene chloride	2.782	84	121817	52.941	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	107763	51.277	ug/L	94
18) Methyl tert-butyl Ether	3.105	73	385326	49.547	ug/L	100
19) 1,1-Dichloroethane	3.599	63	207647	49.594	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	131919	51.633	ug/L	95
22) 2-Butanone	4.544	43	201048	113.015	ug/L	99
23) Bromochloromethane	4.891	128	67378	51.240	ug/L	97
25) Chloroform	5.086	83	224178	49.028	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.074	62	173975	48.240	ug/L	100
29) Cyclohexane	5.458	56	193470	59.140	ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	194923	56.170	ug/L	99
31) Carbon tetrachloride	5.665	117	167915	59.655	ug/L	99
33) Benzene	6.025	78	461962	54.947	ug/L	100
34) Trichloroethene	7.116	95	125969	54.595	ug/L	97
35) Methylcyclohexane	7.373	83	195800	62.068	ug/L	99
37) 1,2-Dichloropropane	7.421	63	121089	55.496	ug/L	100
38) Bromodichloromethane	7.811	83	160061	58.492	ug/L	96
39) cis-1,3-Dichloropropene	8.360	75	204780	59.558	ug/L	98
40) 4-Methyl-2-pentanone	8.567	43	337924	113.124	ug/L	100
42) Toluene	8.714	91	495433	58.476	ug/L	100
44) trans-1,3-Dichloropropene	8.970	75	185559	60.040	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	127445	59.396	ug/L	98
46) Tetrachloroethene	9.269	164	93441	62.152	ug/L	94
48) 2-Hexanone	9.427	43	266594	118.226	ug/L	99
49) Dibromochloromethane	9.518	129	124591	62.813	ug/L	98
50) 1,2-Dibromoethane	9.604	107	132590	58.664	ug/L	100
51) Chlorobenzene	10.073	112	282245	53.706	ug/L	99
52) Ethylbenzene	10.189	91	477264	53.443	ug/L	99
53) m,p-Xylene	10.299	106	173340	52.261	ug/L	99
54) o-Xylene	10.640	106	173589	51.982	ug/L	93
55) Styrene	10.652	104	294678	53.308	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.207	83	165078	51.397	ug/L	97
59) Bromoform	10.799	173	70518	58.195	ug/L	99
60) Isopropylbenzene	10.957	105	479464	56.258	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	126778	51.450	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	413503	61.412	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	372566	55.495	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	187027	52.305	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	189082	53.254	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	197398	53.319	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	35638	57.788	ug/L	91
69) 1,3,5-Trichlorobenzene	13.109	180	129012	55.917	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	123817	58.202	ug/L	99
71) Naphthalene	13.774	128	402961	50.919	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	112955	52.697	ug/L	97

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

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