

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
 Data File : VX042649.D
 Acq On : 27 Jul 2024 19:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050765

Quant Time: Jul 29 02:46:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 29 02:34:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	180373	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	165085	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	75669	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	37966	34.646	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.300%
7) Chloroethane-d5	1.648	69	18646	41.293	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.580%
11) 1,1-Dichloroethene-d2	2.294	65	20725	38.385	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.760%
21) 2-Butanone-d5	4.465	46	72770	89.598	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.600%
24) Chloroform-d	5.056	84	108976	45.434	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.860%
26) 1,2-Dichloroethane-d4	5.958	65	69313	44.792	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.580%
32) Benzene-d6	5.970	84	200874	43.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.680%
36) 1,2-Dichloropropane-d6	7.305	67	58703	43.292	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.580%
41) Toluene-d8	8.647	98	180630	43.971	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.940%
43) trans-1,3-Dichloroprop...	8.952	79	28462	44.853	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.700%
47) 2-Hexanone-d5	9.384	63	56125	92.575	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.580%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	88213	45.182	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.360%
66) 1,2-Dichlorobenzene-d4	12.317	152	64739	45.270	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	75336	47.275	ug/L	99
3) Chloromethane	1.300	50	57817	43.874	ug/L	96
5) Vinyl chloride	1.374	62	54784	43.733	ug/L	95
6) Bromomethane	1.599	94	18459	47.097	ug/L	98
8) Chloroethane	1.660	64	19531	42.584	ug/L	98
9) Trichlorofluoromethane	1.867	101	72102	40.664	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	60903	47.799	ug/L	99
12) 1,1-Dichloroethene	2.306	96	54434	46.682	ug/L	91
13) Acetone	2.392	43	52639	82.913	ug/L	98
14) Carbon disulfide	2.501	76	128443	45.113	ug/L	98
15) Methyl Acetate	2.709	43	63631	45.216	ug/L	99
16) Methylene chloride	2.788	84	63282	46.992	ug/L	92
17) trans-1,2-Dichloroethene	3.087	96	57436	47.997	ug/L	91
18) Methyl tert-butyl Ether	3.117	73	196792	47.445	ug/L	99
19) 1,1-Dichloroethane	3.605	63	107276	46.953	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	67402	49.313	ug/L	94
22) 2-Butanone	4.568	43	85814	88.751	ug/L	96
23) Bromochloromethane	4.903	128	30632	47.327	ug/L	94
25) Chloroform	5.092	83	116658	47.886	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	91689	47.388	ug/L	98
29) Cyclohexane	5.464	56	91036	46.647	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	102924	48.810	ug/L	99
31) Carbon tetrachloride	5.678	117	86335	48.473	ug/L	100
33) Benzene	6.037	78	241172	47.737	ug/L	100
34) Trichloroethene	7.123	95	63798	47.266	ug/L	96
35) Methylcyclohexane	7.379	83	97734	47.841	ug/L	97
37) 1,2-Dichloropropane	7.434	63	60076	45.755	ug/L	98
38) Bromodichloromethane	7.824	83	79476	46.832	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	96344	47.803	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	163994	90.781	ug/L	95
42) Toluene	8.720	91	258020	49.586	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	88379	48.376	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	66134	49.870	ug/L	98
46) Tetrachloroethene	9.275	164	45189	49.091	ug/L	97
48) 2-Hexanone	9.433	43	127376	90.662	ug/L	94
49) Dibromochloromethane	9.518	129	61651	49.785	ug/L	92
50) 1,2-Dibromoethane	9.610	107	68967	50.003	ug/L	98
51) Chlorobenzene	10.079	112	165215	49.099	ug/L	97
52) Ethylbenzene	10.195	91	282990	49.584	ug/L	98
53) m,p-Xylene	10.299	106	109546	50.951	ug/L	94
54) o-Xylene	10.640	106	107721	50.365	ug/L	100
55) Styrene	10.659	104	183817	51.557	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	102332	48.254	ug/L	99
59) Bromoform	10.799	173	41035	48.323	ug/L	98
60) Isopropylbenzene	10.963	105	279619	48.905	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	81010	46.276	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	229489	48.261	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	230221	49.032	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	116701	47.458	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	118444	47.822	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	120334	48.598	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	21656	46.435	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	74340	48.741	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	64374	48.130	ug/L	99
71) Naphthalene	13.774	128	247391	47.949	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	66629	48.091	ug/L	99

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

