

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071824\
 Data File : VX042388.D
 Acq On : 18 Jul 2024 22:47
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050748

Quant Time: Jul 19 07:46:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 05:29:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	256756	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	236016	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	128883	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	55499	37.136	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.280%
7) Chloroethane-d5	1.648	69	36737	39.042	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.080%
11) 1,1-Dichloroethene-d2	2.294	65	26633	40.719	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.440%
21) 2-Butanone-d5	4.465	46	108307	100.565	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.570%
24) Chloroform-d	5.056	84	136994	45.590	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.180%
26) 1,2-Dichloroethane-d4	5.958	65	79502	44.825	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.640%
32) Benzene-d6	5.971	84	269700	44.210	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.420%
36) 1,2-Dichloropropane-d6	7.306	67	82221	44.785	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.580%
41) Toluene-d8	8.647	98	248811	43.766	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.540%
43) trans-1,3-Dichloroprop...	8.952	79	35205	44.369	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.740%
47) 2-Hexanone-d5	9.385	63	84498	101.397	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.400%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131479	48.442	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.880%
66) 1,2-Dichlorobenzene-d4	12.317	152	114447	45.718	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	77440	42.166	ug/L	100
3) Chloromethane	1.295	50	75699	40.788	ug/L	98
5) Vinyl chloride	1.374	62	75698	41.469	ug/L	98
6) Bromomethane	1.599	94	41890	42.115	ug/L	99
8) Chloroethane	1.666	64	41258	45.345	ug/L	100
9) Trichlorofluoromethane	1.874	101	100407	42.263	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	76470	46.706	ug/L	99
12) 1,1-Dichloroethene	2.313	96	70368	45.374	ug/L #	82
13) Acetone	2.386	43	68556	93.311	ug/L	96
14) Carbon disulfide	2.502	76	151680	39.314	ug/L	99
15) Methyl Acetate	2.709	43	87071	46.643	ug/L	98
16) Methylene chloride	2.788	84	81022	42.345	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	72971	45.747	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	250058	47.940	ug/L	99
19) 1,1-Dichloroethane	3.605	63	135293	47.234	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	88490	47.221	ug/L	99
22) 2-Butanone	4.568	43	115990	94.314	ug/L	100
23) Bromochloromethane	4.898	128	47688	47.618	ug/L	97
25) Chloroform	5.093	83	144814	48.219	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	106367	47.791	ug/L	100
29) Cyclohexane	5.465	56	114529	44.901	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	122808	47.793	ug/L	99
31) Carbon tetrachloride	5.672	117	108032	48.132	ug/L	99
33) Benzene	6.038	78	305740	46.324	ug/L	100
34) Trichloroethene	7.123	95	82044	47.457	ug/L	99
35) Methylcyclohexane	7.379	83	122174	46.607	ug/L	100
37) 1,2-Dichloropropane	7.428	63	81366	48.048	ug/L	100
38) Bromodichloromethane	7.818	83	99570	48.015	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	116370	46.669	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	232668	96.327	ug/L	100
42) Toluene	8.720	91	334568	47.508	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	107245	47.971	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	88021	48.578	ug/L	96
46) Tetrachloroethene	9.275	164	76489	47.267	ug/L	98
48) 2-Hexanone	9.433	43	182642	96.288	ug/L	100
49) Dibromochloromethane	9.519	129	90241	48.901	ug/L	100
50) 1,2-Dibromoethane	9.610	107	94366	48.492	ug/L	100
51) Chlorobenzene	10.080	112	234626	48.534	ug/L	97
52) Ethylbenzene	10.195	91	372248	48.641	ug/L	98
53) m,p-Xylene	10.299	106	150428	48.834	ug/L	99
54) o-Xylene	10.640	106	151359	49.191	ug/L	100
55) Styrene	10.653	104	256454	50.020	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	141179	48.545	ug/L	99
59) Bromoform	10.799	173	76350	47.260	ug/L	99
60) Isopropylbenzene	10.964	105	391199	48.480	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	107860	47.130	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	299333	48.784	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	323132	49.139	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	195775	48.378	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	196057	47.894	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	198944	47.757	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	27079	46.222	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	145504	49.486	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	131306	49.098	ug/L	99
71) Naphthalene	13.774	128	416550	50.384	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	140965	49.882	ug/L	100

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

