

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030824\
 Data File : VX040618.D
 Acq On : 07 Mar 2024 16:34
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050721

Quant Time: Mar 08 01:29:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 01:27:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	139479	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	135065	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	62560	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	59527	48.687	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.380%
7) Chloroethane-d5	1.666	69	43838	44.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.820%
11) 1,1-Dichloroethene-d2	2.307	65	26861	47.725	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.440%
21) 2-Butanone-d5	4.453	46	103320	110.122	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.120%
24) Chloroform-d	5.062	84	120446	53.047	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.100%
26) 1,2-Dichloroethane-d4	5.952	65	85463	50.415	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.820%
32) Benzene-d6	5.977	84	210817	50.876	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.760%
36) 1,2-Dichloropropane-d6	7.306	67	66025	51.411	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.820%
41) Toluene-d8	8.647	98	197376	49.426	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.860%
43) trans-1,3-Dichloroprop...	8.952	79	33974	49.704	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.400%
47) 2-Hexanone-d5	9.385	63	76363	107.763	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.760%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	91782	47.733	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.460%
66) 1,2-Dichlorobenzene-d4	12.317	152	75662	57.745	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.480%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	66253	53.219	ug/L	100
3) Chloromethane	1.295	50	58313	53.883	ug/L	100
5) Vinyl chloride	1.374	62	64203	54.837	ug/L	95
6) Bromomethane	1.605	94	37640	60.555	ug/L	93
8) Chloroethane	1.685	64	33944	50.562	ug/L	98
9) Trichlorofluoromethane	1.886	101	86440	53.059	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	49808	51.544	ug/L	100
12) 1,1-Dichloroethene	2.319	96	45590	53.623	ug/L	99
13) Acetone	2.380	43	60554	90.380	ug/L	99
14) Carbon disulfide	2.514	76	130605	53.089	ug/L	99
15) Methyl Acetate	2.703	43	61630	54.488	ug/L	99
16) Methylene chloride	2.788	84	50062	53.469	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	47409	54.317	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	169615	56.192	ug/L	99
19) 1,1-Dichloroethane	3.611	63	94312	55.612	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	53287	54.447	ug/L	94
22) 2-Butanone	4.556	43	93304	105.169	ug/L	98
23) Bromochloromethane	4.904	128	26726	53.541	ug/L	94
25) Chloroform	5.093	83	104709	54.714	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	93740	55.737	ug/L	100
29) Cyclohexane	5.471	56	78076	52.607	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	88704	52.731	ug/L	99
31) Carbon tetrachloride	5.672	117	74947	53.086	ug/L	99
33) Benzene	6.038	78	197496	54.432	ug/L	100
34) Trichloroethene	7.123	95	57681	53.852	ug/L	96
35) Methylcyclohexane	7.379	83	79999	51.108	ug/L	99
37) 1,2-Dichloropropane	7.428	63	53307	55.495	ug/L	99
38) Bromodichloromethane	7.824	83	76481	53.833	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	85730	53.011	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	181847	110.430	ug/L	100
42) Toluene	8.720	91	213511	53.640	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	83981	53.315	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	53216	53.668	ug/L	98
46) Tetrachloroethene	9.275	164	40238	52.322	ug/L	98
48) 2-Hexanone	9.427	43	145754	106.817	ug/L	99
49) Dibromochloromethane	9.519	129	56562	54.593	ug/L	96
50) 1,2-Dibromoethane	9.610	107	57380	53.810	ug/L	93
51) Chlorobenzene	10.080	112	136353	52.874	ug/L	100
52) Ethylbenzene	10.195	91	249692	53.380	ug/L	99
53) m,p-Xylene	10.299	106	91318	53.700	ug/L	92
54) o-Xylene	10.640	106	80633	49.397	ug/L	98
55) Styrene	10.653	104	137016	48.169	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	79015	48.346	ug/L	100
59) Bromoform	10.799	173	39044	53.809	ug/L	100
60) Isopropylbenzene	10.964	105	216277	51.493	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	67395	54.060	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	193683	55.619	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	184928	53.108	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	97469	53.006	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	98735	52.800	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	104606	59.825	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	23402	64.124	ug/L	96
69) 1,3,5-Trichlorobenzene	13.116	180	75346	61.043	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	69854	61.026	ug/L	99
71) Naphthalene	13.774	128	227027	62.400	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	68563	60.806	ug/L	99

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

