

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
 Data File : VX040988.D
 Acq On : 11 Apr 2024 20:05
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050728

Quant Time: Apr 12 05:41:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:36:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	321955	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	287334	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	155219	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	91328	39.882	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.760%
7) Chloroethane-d5	1.642	69	45733	24.487	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	48.980%#
11) 1,1-Dichloroethene-d2	2.288	65	42240	43.204	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.400%
21) 2-Butanone-d5	4.471	46	124535	99.836	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.840%
24) Chloroform-d	5.056	84	199862	46.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.560%
26) 1,2-Dichloroethane-d4	5.952	65	124685	44.861	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.720%
32) Benzene-d6	5.970	84	397121	50.909	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.820%
36) 1,2-Dichloropropane-d6	7.306	67	115636	50.828	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.660%
41) Toluene-d8	8.647	98	372061	48.821	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.640%
43) trans-1,3-Dichloroprop...	8.952	79	51431	44.922	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.840%
47) 2-Hexanone-d5	9.391	63	93421	97.395	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.400%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	167651	49.747	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.500%
66) 1,2-Dichlorobenzene-d4	12.323	152	159489	51.222	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	111174	52.440	ug/L	99
3) Chloromethane	1.294	50	105413	52.379	ug/L	99
5) Vinyl chloride	1.374	62	112256	46.419	ug/L	99
6) Bromomethane	1.593	94	56538	38.668	ug/L	95
8) Chloroethane	1.660	64	40612	26.989	ug/L	100
9) Trichlorofluoromethane	1.855	101	180654	47.414	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	113996	52.352	ug/L	99
12) 1,1-Dichloroethene	2.306	96	99735	51.570	ug/L	82
13) Acetone	2.398	43	96882	71.658	ug/L	99
14) Carbon disulfide	2.495	76	210382	43.287	ug/L	98
15) Methyl Acetate	2.709	43	118077	50.307	ug/L	100
16) Methylene chloride	2.782	84	105783	52.478	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	99865	49.885	ug/L	100
18) Methyl tert-butyl Ether	3.117	73	341293	54.315	ug/L	99
19) 1,1-Dichloroethane	3.605	63	188045	52.886	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	118299	51.868	ug/L	98
22) 2-Butanone	4.568	43	158436	89.524	ug/L	98
23) Bromochloromethane	4.897	128	60437	48.742	ug/L	97
25) Chloroform	5.086	83	201158	51.622	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	159621	50.964	ug/L	98
29) Cyclohexane	5.458	56	168051	58.381	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	176560	54.832	ug/L	99
31) Carbon tetrachloride	5.672	117	153080	52.169	ug/L	99
33) Benzene	6.031	78	429918	57.669	ug/L	100
34) Trichloroethene	7.123	95	113435	53.043	ug/L	99
35) Methylcyclohexane	7.379	83	177990	58.686	ug/L	99
37) 1,2-Dichloropropane	7.428	63	106801	55.347	ug/L	100
38) Bromodichloromethane	7.824	83	135610	50.130	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	168660	53.498	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	308586	105.594	ug/L	100
42) Toluene	8.714	91	457555	55.422	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	149882	50.872	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	113416	54.110	ug/L	100
46) Tetrachloroethene	9.275	164	107386	53.316	ug/L	98
48) 2-Hexanone	9.433	43	237960	101.360	ug/L	97
49) Dibromochloromethane	9.519	129	117226	49.588	ug/L	99
50) 1,2-Dibromoethane	9.610	107	120591	53.332	ug/L	97
51) Chlorobenzene	10.079	112	311648	53.865	ug/L	99
52) Ethylbenzene	10.195	91	495520	52.899	ug/L	99
53) m,p-Xylene	10.299	106	196917	52.723	ug/L	97
54) o-Xylene	10.640	106	194582	54.023	ug/L	99
55) Styrene	10.653	104	326457	52.719	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	175879	54.160	ug/L	98
59) Bromoform	10.799	173	96646	50.734	ug/L	100
60) Isopropylbenzene	10.963	105	519576	57.257	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	135945	57.357	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	422057	57.693	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	421870	57.291	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	253324	53.202	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	258183	52.820	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	260892	56.483	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	35907	52.974	ug/L	84
69) 1,3,5-Trichlorobenzene	13.109	180	194191	53.254	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	172996	50.063	ug/L	99
71) Naphthalene	13.774	128	521260	55.046	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	180823	53.355	ug/L	100

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

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