

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
 Data File : VX042627.D
 Acq On : 27 Jul 2024 02:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050763

Quant Time: Jul 27 03:01:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 01:23:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	172886	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	157000	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	71468	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	44133	42.018	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.040%
7) Chloroethane-d5	1.648	69	21383	49.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.294	65	24057	46.486	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.980%
21) 2-Butanone-d5	4.464	46	74003	95.062	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.060%
24) Chloroform-d	5.056	84	115718	50.334	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.660%
26) 1,2-Dichloroethane-d4	5.952	65	72443	48.842	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.680%
32) Benzene-d6	5.970	84	223611	51.319	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.640%
36) 1,2-Dichloropropane-d6	7.305	67	64125	49.726	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.460%
41) Toluene-d8	8.646	98	202667	51.876	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.760%
43) trans-1,3-Dichloroprop...	8.951	79	28476	47.186	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.380%
47) 2-Hexanone-d5	9.384	63	55882	96.921	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.920%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	92737	49.946	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.900%
66) 1,2-Dichlorobenzene-d4	12.317	152	69674	51.585	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	73315	47.999	ug/L	99
3) Chloromethane	1.294	50	53378	42.260	ug/L	98
5) Vinyl chloride	1.373	62	50077	41.707	ug/L	98
6) Bromomethane	1.599	94	17155	45.665	ug/L	94
8) Chloroethane	1.660	64	19518	44.399	ug/L	99
9) Trichlorofluoromethane	1.873	101	73089	43.006	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	57693	47.241	ug/L	98
12) 1,1-Dichloroethene	2.312	96	53796	48.132	ug/L	94
13) Acetone	2.391	43	49136	80.747	ug/L	96
14) Carbon disulfide	2.501	76	121964	44.693	ug/L	98
15) Methyl Acetate	2.708	43	58495	43.366	ug/L	97
16) Methylene chloride	2.788	84	60979	47.243	ug/L	94
17) trans-1,2-Dichloroethene	3.086	96	54894	47.859	ug/L	89
18) Methyl tert-butyl Ether	3.117	73	189149	47.577	ug/L	99
19) 1,1-Dichloroethane	3.605	63	102997	47.032	ug/L	95
20) cis-1,2-Dichloroethene	4.489	96	64580	49.294	ug/L	92
22) 2-Butanone	4.568	43	79355	85.625	ug/L	91
23) Bromochloromethane	4.897	128	28570	46.053	ug/L	90
25) Chloroform	5.086	83	112211	48.055	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	87503	47.183	ug/L	96
29) Cyclohexane	5.464	56	84985	45.789	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	94379	47.062	ug/L	99
31) Carbon tetrachloride	5.677	117	79919	47.181	ug/L	98
33) Benzene	6.037	78	230483	47.970	ug/L	100
34) Trichloroethene	7.122	95	61626	48.008	ug/L	95
35) Methylcyclohexane	7.378	83	90989	46.833	ug/L	97
37) 1,2-Dichloropropane	7.427	63	58997	47.247	ug/L	98
38) Bromodichloromethane	7.823	83	77387	47.950	ug/L #	99
39) cis-1,3-Dichloropropene	8.366	75	85483	44.599	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	150946	87.861	ug/L	94
42) Toluene	8.720	91	249321	50.382	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	78325	45.080	ug/L	98
45) 1,1,2-Trichloroethane	9.152	97	62873	49.852	ug/L	96
46) Tetrachloroethene	9.274	164	44738	51.104	ug/L	94
48) 2-Hexanone	9.433	43	117846	88.199	ug/L	96
49) Dibromochloromethane	9.518	129	58230	49.444	ug/L	98
50) 1,2-Dibromoethane	9.610	107	66042	50.348	ug/L #	100
51) Chlorobenzene	10.079	112	158589	49.557	ug/L	97
52) Ethylbenzene	10.195	91	271374	49.997	ug/L	98
53) m,p-Xylene	10.299	106	105275	51.486	ug/L	96
54) o-Xylene	10.640	106	101489	49.895	ug/L	100
55) Styrene	10.652	104	173523	51.176	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	95742	47.471	ug/L	99
59) Bromoform	10.798	173	38778	48.350	ug/L	98
60) Isopropylbenzene	10.963	105	266553	49.361	ug/L	98
61) 1,2,3-Trichloropropane	11.237	75	75165	45.461	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	219968	48.978	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	219079	49.402	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	112184	48.303	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	110048	47.044	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	114185	48.825	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.938	75	19718	44.765	ug/L	90
69) 1,3,5-Trichlorobenzene	13.115	180	69493	48.242	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	61637	48.792	ug/L	98
71) Naphthalene	13.774	128	237957	48.832	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	63588	48.594	ug/L	97

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

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