

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122724\
 Data File : VX044530.D
 Acq On : 27 Dec 2024 18:49
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050810

Quant Time: Dec 27 22:18:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 27 22:07:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	195786	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	174234	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	80871	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	86683	48.381	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.760%
7) Chloroethane-d5	1.648	69	62906	45.324	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.640%
11) 1,1-Dichloroethene-d2	2.294	65	35721	46.618	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.240%
21) 2-Butanone-d5	4.465	46	104938	95.663	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.660%
24) Chloroform-d	5.050	84	171958	50.549	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.100%
26) 1,2-Dichloroethane-d4	5.952	65	110984	46.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.260%
32) Benzene-d6	5.964	84	309509	51.411	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.820%
36) 1,2-Dichloropropane-d6	7.305	67	95238	50.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.900%
41) Toluene-d8	8.647	98	279746	50.255	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.500%
43) trans-1,3-Dichloroprop...	8.952	79	41278	45.949	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.900%
47) 2-Hexanone-d5	9.384	63	73199	100.427	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.430%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	129195	51.542	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.080%
66) 1,2-Dichlorobenzene-d4	12.317	152	97377	51.679	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	70954	44.688	ug/L	99
3) Chloromethane	1.294	50	70554	48.169	ug/L	95
5) Vinyl chloride	1.374	62	74802	47.335	ug/L	95
6) Bromomethane	1.593	94	50212	46.749	ug/L	99
8) Chloroethane	1.666	64	51188	48.929	ug/L	97
9) Trichlorofluoromethane	1.867	101	123921	42.088	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	65968	50.873	ug/L	97
12) 1,1-Dichloroethene	2.306	96	57723	50.012	ug/L #	63
13) Acetone	2.386	43	68985	70.675	ug/L	93
14) Carbon disulfide	2.501	76	89282	40.834	ug/L	97
15) Methyl Acetate	2.703	43	76532	48.351	ug/L	98
16) Methylene chloride	2.782	84	72358	54.478	ug/L	96
17) trans-1,2-Dichloroethene	3.087	96	60382	50.231	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	241733	49.837	ug/L	97
19) 1,1-Dichloroethane	3.605	63	131819	52.272	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	78556	53.457	ug/L	99
22) 2-Butanone	4.562	43	104001	88.278	ug/L	99
23) Bromochloromethane	4.897	128	41732	58.232	ug/L	98
25) Chloroform	5.092	83	147266	51.887	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	119413	50.608	ug/L	99
29) Cyclohexane	5.458	56	98922	45.759	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	118448	50.081	ug/L	97
31) Carbon tetrachloride	5.666	117	94565	51.046	ug/L	96
33) Benzene	6.031	78	271490	51.312	ug/L	100
34) Trichloroethene	7.123	95	72033	49.866	ug/L	98
35) Methylcyclohexane	7.373	83	96692	46.206	ug/L	96
37) 1,2-Dichloropropane	7.427	63	77632	54.643	ug/L	100
38) Bromodichloromethane	7.818	83	92812	49.862	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	113897	51.184	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	212645	96.679	ug/L	96
42) Toluene	8.714	91	298698	53.280	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	102988	48.828	ug/L	95
45) 1,1,2-Trichloroethane	9.147	97	79405	54.539	ug/L	99
46) Tetrachloroethene	9.269	164	53872	55.906	ug/L	99
48) 2-Hexanone	9.433	43	157234	90.792	ug/L	96
49) Dibromochloromethane	9.518	129	69348	53.888	ug/L	95
50) 1,2-Dibromoethane	9.610	107	79413	52.817	ug/L #	98
51) Chlorobenzene	10.079	112	191892	53.352	ug/L	96
52) Ethylbenzene	10.189	91	323028	52.310	ug/L	100
53) m,p-Xylene	10.299	106	122244	54.654	ug/L	96
54) o-Xylene	10.640	106	122539	53.277	ug/L	98
55) Styrene	10.652	104	206777	55.121	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.207	83	120113	53.182	ug/L	97
59) Bromoform	10.799	173	43245	53.294	ug/L	98
60) Isopropylbenzene	10.957	105	323355	51.816	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	91913	49.071	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	263622	50.904	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	262228	51.594	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	138772	53.621	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	137765	53.194	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	145323	55.303	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	19729	46.345	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	88820	55.007	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	78372	54.489	ug/L	96
71) Naphthalene	13.774	128	295309	50.360	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	84958	55.603	ug/L	97

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

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