

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121724\
 Data File : VX044354.D
 Acq On : 17 Dec 2024 16:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050803

Quant Time: Dec 18 04:36:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 03:03:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	252731	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	217862	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	99225	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	98200	42.459	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.920%
7) Chloroethane-d5	1.648	69	85235	47.575	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.160%
11) 1,1-Dichloroethene-d2	2.294	65	40681	41.129	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.260%
21) 2-Butanone-d5	4.465	46	150071	105.982	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.980%
24) Chloroform-d	5.050	84	210856	48.017	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.040%
26) 1,2-Dichloroethane-d4	5.952	65	136847	44.067	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.140%
32) Benzene-d6	5.970	84	361268	47.991	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.980%
36) 1,2-Dichloropropane-d6	7.306	67	115959	49.609	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.220%
41) Toluene-d8	8.647	98	316976	45.540	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.080%
43) trans-1,3-Dichloroprop...	8.945	79	49960	44.477	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.960%
47) 2-Hexanone-d5	9.384	63	96338	105.705	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.700%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	162910	51.977	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.960%
66) 1,2-Dichlorobenzene-d4	12.317	152	110850	47.948	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	89439	43.638	ug/L	99
3) Chloromethane	1.294	50	90021	47.612	ug/L	96
5) Vinyl chloride	1.374	62	97084	47.593	ug/L	96
6) Bromomethane	1.593	94	62836	45.321	ug/L	96
8) Chloroethane	1.666	64	63254	46.839	ug/L	97
9) Trichlorofluoromethane	1.874	101	161096	42.386	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	80569	48.133	ug/L	97
12) 1,1-Dichloroethene	2.312	96	69484	46.637	ug/L	92
13) Acetone	2.386	43	82220	65.255	ug/L	94
14) Carbon disulfide	2.501	76	116159	41.156	ug/L	98
15) Methyl Acetate	2.703	43	95418	46.700	ug/L	97
16) Methylene chloride	2.782	84	82119	47.897	ug/L	89
17) trans-1,2-Dichloroethene	3.087	96	72748	46.883	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	283471	45.274	ug/L	97
19) 1,1-Dichloroethane	3.605	63	157160	48.279	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	91777	48.381	ug/L	97
22) 2-Butanone	4.568	43	133587	87.842	ug/L	98
23) Bromochloromethane	4.897	128	45938	49.658	ug/L	97
25) Chloroform	5.086	83	173290	47.299	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	141442	46.438	ug/L	99
29) Cyclohexane	5.464	56	127836	47.292	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	141441	47.826	ug/L	96
31) Carbon tetrachloride	5.672	117	111639	48.195	ug/L	99
33) Benzene	6.037	78	326074	49.287	ug/L	100
34) Trichloroethene	7.123	95	84637	46.858	ug/L	94
35) Methylcyclohexane	7.379	83	124026	47.400	ug/L	97
37) 1,2-Dichloropropane	7.427	63	90532	50.962	ug/L	99
38) Bromodichloromethane	7.818	83	111630	47.963	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	135406	48.664	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	262888	95.587	ug/L	95
42) Toluene	8.714	91	344778	49.184	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	121669	46.134	ug/L	95
45) 1,1,2-Trichloroethane	9.153	97	89675	49.259	ug/L	99
46) Tetrachloroethene	9.275	164	59858	49.679	ug/L	95
48) 2-Hexanone	9.433	43	195660	90.356	ug/L	96
49) Dibromochloromethane	9.519	129	78918	49.044	ug/L	100
50) 1,2-Dibromoethane	9.610	107	90715	48.251	ug/L #	98
51) Chlorobenzene	10.079	112	218155	48.508	ug/L	98
52) Ethylbenzene	10.189	91	379533	49.152	ug/L	99
53) m,p-Xylene	10.299	106	140716	50.314	ug/L	96
54) o-Xylene	10.640	106	139657	48.560	ug/L	99
55) Styrene	10.652	104	232175	49.498	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.207	83	135241	47.889	ug/L	96
59) Bromoform	10.799	173	47913	48.124	ug/L	98
60) Isopropylbenzene	10.963	105	368570	48.137	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	103199	44.905	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	299366	47.113	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	296076	47.478	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	152317	47.968	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	151142	47.565	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	156349	48.493	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	22446	42.974	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	97280	49.102	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	85967	48.714	ug/L	97
71) Naphthalene	13.774	128	334933	46.552	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	93485	49.866	ug/L	99

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

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