

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121924\
 Data File : VX044436.D
 Acq On : 19 Dec 2024 15:49
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050806

Quant Time: Dec 20 02:31:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 04:40:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.756	114	227934	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	204509	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	95512	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	95595	45.830	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.660%		
7) Chloroethane-d5	1.642	69	68775	42.564	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.120%		
11) 1,1-Dichloroethene-d2	2.294	65	38020	42.621	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.240%		
21) 2-Butanone-d5	4.458	46	96870	75.853	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	75.850%		
24) Chloroform-d	5.056	84	166947	42.154	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.300%		
26) 1,2-Dichloroethane-d4	5.952	65	106363	37.977	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.960%		
32) Benzene-d6	5.970	84	306269	43.342	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.680%		
36) 1,2-Dichloropropane-d6	7.305	67	93179	42.466	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.940%		
41) Toluene-d8	8.646	98	276690	42.348	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.700%		
43) trans-1,3-Dichloroprop...	8.951	79	40761	38.657	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.320%		
47) 2-Hexanone-d5	9.384	63	67035	78.355	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	78.360%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	123937	42.125	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.240%		
66) 1,2-Dichlorobenzene-d4	12.316	152	93894	42.192	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.380%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	81494	44.088	ug/L	99
3) Chloromethane	1.294	50	80480	47.196	ug/L	95
5) Vinyl chloride	1.373	62	85129	46.272	ug/L	92
6) Bromomethane	1.593	94	56994	45.579	ug/L	99
8) Chloroethane	1.666	64	59327	48.711	ug/L	96
9) Trichlorofluoromethane	1.867	101	146374	42.702	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	73974	49.001	ug/L	97
12) 1,1-Dichloroethene	2.306	96	65143	48.480	ug/L #	74
13) Acetone	2.385	43	72528	63.825	ug/L	96
14) Carbon disulfide	2.501	76	98181	38.571	ug/L	99
15) Methyl Acetate	2.702	43	83777	45.463	ug/L	98
16) Methylene chloride	2.782	84	78850	50.993	ug/L	93
17) trans-1,2-Dichloroethene	3.086	96	65146	46.551	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	258141	45.713	ug/L	97
19) 1,1-Dichloroethane	3.605	63	142577	48.564	ug/L	99
20) cis-1,2-Dichloroethene	4.482	96	83886	49.033	ug/L	96
22) 2-Butanone	4.562	43	111467	81.271	ug/L	99
23) Bromochloromethane	4.891	128	42434	50.861	ug/L	94
25) Chloroform	5.086	83	158291	47.905	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	126968	46.221	ug/L	98
29) Cyclohexane	5.464	56	114484	45.118	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	128144	46.159	ug/L	96
31) Carbon tetrachloride	5.671	117	102047	46.930	ug/L	99
33) Benzene	6.031	78	299219	48.181	ug/L	100
34) Trichloroethene	7.122	95	79972	47.166	ug/L	96
35) Methylcyclohexane	7.372	83	116397	47.389	ug/L	100
37) 1,2-Dichloropropane	7.427	63	82005	49.176	ug/L	100
38) Bromodichloromethane	7.817	83	101052	46.252	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	119593	45.787	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	233530	90.456	ug/L	95
42) Toluene	8.713	91	315400	47.931	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	112677	45.514	ug/L	98
45) 1,1,2-Trichloroethane	9.146	97	84959	49.715	ug/L	98
46) Tetrachloroethene	9.268	164	55894	49.418	ug/L	96
48) 2-Hexanone	9.433	43	166986	82.149	ug/L	97
49) Dibromochloromethane	9.518	129	74302	49.190	ug/L	98
50) 1,2-Dibromoethane	9.610	107	83813	47.491	ug/L	98
51) Chlorobenzene	10.079	112	200819	47.568	ug/L	97
52) Ethylbenzene	10.189	91	348327	48.056	ug/L	99
53) m,p-Xylene	10.299	106	131034	49.911	ug/L	96
54) o-Xylene	10.640	106	130025	48.163	ug/L	100
55) Styrene	10.652	104	222228	50.470	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	128546	48.490	ug/L	99
59) Bromoform	10.798	173	44356	46.284	ug/L	97
60) Isopropylbenzene	10.963	105	348379	47.269	ug/L	99
61) 1,2,3-Trichloropropane	11.237	75	98712	44.622	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	283820	46.403	ug/L	100
63) 1,2,4-Trimethylbenzene	11.749	105	284299	47.362	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	150270	49.163	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	149545	48.892	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	152045	48.992	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.938	75	20694	41.160	ug/L	90
69) 1,3,5-Trichlorobenzene	13.109	180	95648	50.155	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	84726	49.877	ug/L	96
71) Naphthalene	13.774	128	313357	45.247	ug/L	99
72) 1,2,3-Trichlorobenzene	13.956	180	89621	49.663	ug/L	98

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

