

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050924\
 Data File : VX041427.D
 Acq On : 09 May 2024 10:59
 Operator : JC/MD
 Sample : VSTD10003
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100603

Quant Time: May 09 22:40:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML050924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 22:38:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	280452	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	222432	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	149200	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	160631	100.988	ug/L	0.00
7) Chloroethane-d5	1.648	69	115985	99.389	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	84235	105.222	ug/L	0.00
21) 2-Butanone-d5	4.471	46	253366	213.661	ug/L	0.00
24) Chloroform-d	5.056	84	379073	107.774	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	242765	95.945	ug/L	0.00
32) Benzene-d6	5.970	84	731978	120.459	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	214701	118.911	ug/L	0.00
41) Toluene-d8	8.647	98	683259	108.865	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	110452	122.105	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	183096	217.622	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	327393	115.221	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	311617	102.215	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	191014	98.924	ug/L	100
3) Chloromethane	1.300	50	159780	97.024	ug/L	98
5) Vinyl chloride	1.374	62	166932	98.414	ug/L	99
6) Bromomethane	1.599	94	120479	101.904	ug/L	100
8) Chloroethane	1.666	64	93616	96.389	ug/L	99
9) Trichlorofluoromethane	1.867	101	289380	96.918	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	192027	104.681	ug/L	100
12) 1,1-Dichloroethene	2.306	96	173021	105.947	ug/L	98
13) Acetone	2.392	43	228567	187.737	ug/L	99
14) Carbon disulfide	2.501	76	443726	112.977	ug/L	100
15) Methyl Acetate	2.709	43	215319	104.790	ug/L	98
16) Methylene chloride	2.788	84	187647	103.763	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	179090	106.950	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	604349	105.782	ug/L	99
19) 1,1-Dichloroethane	3.605	63	329744	106.344	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	206316	106.734	ug/L	97
22) 2-Butanone	4.568	43	319410	210.108	ug/L	100
23) Bromochloromethane	4.897	128	110367	107.289	ug/L	99
25) Chloroform	5.092	83	353119	105.466	ug/L	97
27) 1,2-Dichloroethane	6.086	62	285627	102.376	ug/L	98
29) Cyclohexane	5.464	56	296549	119.901	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	318758	121.751	ug/L	99
31) Carbon tetrachloride	5.672	117	283782	122.097	ug/L	98
33) Benzene	6.037	78	723501	116.248	ug/L	100
34) Trichloroethene	7.123	95	199245	116.873	ug/L	97
35) Methylcyclohexane	7.379	83	308626	116.831	ug/L	99
37) 1,2-Dichloropropane	7.427	63	187426	119.590	ug/L	100
38) Bromodichloromethane	7.824	83	250357	118.181	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	303633	116.987	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	578756	229.462	ug/L	99
42) Toluene	8.714	91	774342	114.014	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	292069	120.675	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	181446	104.698	ug/L	99
46) Tetrachloroethene	9.275	164	172656	105.826	ug/L	97
48) 2-Hexanone	9.433	43	404495	200.177	ug/L	100
49) Dibromochloromethane	9.518	129	186366	106.380	ug/L	99
50) 1,2-Dibromoethane	9.610	107	183437	101.733	ug/L	99
51) Chlorobenzene	10.079	112	468764	103.499	ug/L	98
52) Ethylbenzene	10.195	91	791910	106.270	ug/L	98
53) m,p-Xylene	10.299	106	330673	110.935	ug/L	98
54) o-Xylene	10.640	106	355306	116.973	ug/L	98
55) Styrene	10.652	104	599010	118.085	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	324559	112.869	ug/L	99
59) Bromoform	10.799	173	191334	109.584	ug/L	99
60) Isopropylbenzene	10.963	105	928677	102.017	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	249012	97.633	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	634963	103.241	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	783371	105.127	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	475331	102.636	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	473707	100.485	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	478080	99.688	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	75800	110.460	ug/L	88
69) 1,3,5-Trichlorobenzene	13.109	180	371006	107.333	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	351941	111.499	ug/L	100
71) Naphthalene	13.774	128	1031772	109.514	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	355792	108.103	ug/L	100

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

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