

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041024\
 Data File : VX040961.D
 Acq On : 10 Apr 2024 17:38
 Operator : JC/MD
 Sample : VSTD20072
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200672

Quant Time: Apr 11 05:28:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:26:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	304163	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	285580	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	163783	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	442955	204.748	ug/L	0.00
7) Chloroethane-d5	1.654	69	335635	189.988	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.300	65	193002	208.956	ug/L	0.00
21) 2-Butanone-d5	4.458	46	380083	322.525	ug/L	0.00
24) Chloroform-d	5.056	84	854898	211.784	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	529053	201.487	ug/L	0.00
32) Benzene-d6	5.970	84	1658224	213.881	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	489799	216.614	ug/L	0.00
41) Toluene-d8	8.647	98	1594224	210.477	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	268085	235.597	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	431304	451.006	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	703280	209.966	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	704842	214.533	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	413508	206.458	ug/L	100
3) Chloromethane	1.301	50	389879	205.062	ug/L	99
5) Vinyl chloride	1.374	62	468829	205.204	ug/L	98
6) Bromomethane	1.599	94	252816	183.023	ug/L	98
8) Chloroethane	1.672	64	271016	190.640	ug/L	99
9) Trichlorofluoromethane	1.880	101	726314	201.775	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	429431	208.749	ug/L	99
12) 1,1-Dichloroethene	2.313	96	391444	214.243	ug/L	93
13) Acetone	2.380	43	458627	359.060	ug/L	99
14) Carbon disulfide	2.508	76	1002168	218.264	ug/L	100
15) Methyl Acetate	2.703	43	468045	211.078	ug/L	99
16) Methylene chloride	2.788	84	410444	215.529	ug/L	97
17) trans-1,2-Dichloroethene	3.087	96	403431	213.312	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	1312271	221.057	ug/L	99
19) 1,1-Dichloroethane	3.605	63	718914	214.014	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	470247	218.240	ug/L	99
22) 2-Butanone	4.550	43	707093	422.913	ug/L	99
23) Bromochloromethane	4.897	128	242766	207.243	ug/L	97
25) Chloroform	5.093	83	781660	212.326	ug/L	98
27) 1,2-Dichloroethane	6.086	62	618072	208.881	ug/L	99
29) Cyclohexane	5.471	56	625373	218.589	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	700539	218.895	ug/L	99
31) Carbon tetrachloride	5.678	117	642885	220.436	ug/L	99
33) Benzene	6.037	78	1586310	214.095	ug/L	100
34) Trichloroethene	7.123	95	455182	214.154	ug/L	98
35) Methylcyclohexane	7.379	83	649594	215.498	ug/L	99
37) 1,2-Dichloropropane	7.427	63	419383	218.671	ug/L	100
38) Bromodichloromethane	7.818	83	602181	223.971	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	727668	232.228	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	1278180	440.063	ug/L	98
42) Toluene	8.720	91	1765118	215.116	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	696911	237.992	ug/L	100

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45) 1,1,2-Trichloroethane	9.153	97	450370	216.189	ug/L	100
46) Tetrachloroethene	9.275	164	436462	218.031	ug/L	99
48) 2-Hexanone	9.433	43	996665	424.740	ug/L	98
49) Dibromochloromethane	9.519	129	538164	229.048	ug/L	100
50) 1,2-Dibromoethane	9.610	107	495950	220.684	ug/L	98
51) Chlorobenzene	10.079	112	1221503	212.421	ug/L	100
52) Ethylbenzene	10.195	91	2006566	215.527	ug/L	99
53) m,p-Xylene	10.299	106	817829	220.313	ug/L	93
54) o-Xylene	10.640	106	798892	223.164	ug/L	97
55) Styrene	10.653	104	1370261	222.639	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	688569	213.340	ug/L	99
59) Bromoform	10.799	173	475038	236.331	ug/L	99
60) Isopropylbenzene	10.963	105	2064618	215.624	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	529607	211.765	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	1711393	221.708	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	1716166	220.873	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	1073955	213.755	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	1083166	210.009	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	1041073	213.605	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	162893	227.752	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	837128	217.567	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	812231	222.759	ug/L	100
71) Naphthalene	13.774	128	2262920	226.472	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	788650	220.538	ug/L	100

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

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