

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041024\
 Data File : VX040958.D
 Acq On : 10 Apr 2024 16:29
 Operator : JC/MD
 Sample : VSTD01069
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010669

Quant Time: Apr 11 05:27:00 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	289711	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	274641	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	160651	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	20347	9.874	ug/L	0.00
7) Chloroethane-d5	1.672	69	16806	9.988	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	65	8495	9.656	ug/L	0.00
21) 2-Butanone-d5	4.465	46	24518	21.843	ug/L	0.01
24) Chloroform-d	5.056	84	36542	9.504	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	24268	9.703	ug/L	0.00
32) Benzene-d6	5.977	84	71217	9.552	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	20783	9.557	ug/L	0.00
41) Toluene-d8	8.647	98	70407	9.666	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	9586	8.760	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	16403	17.835	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	31189	9.682	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	30433	9.443	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	19043	9.982	ug/L	99
3) Chloromethane	1.301	50	18777	10.369	ug/L	98
5) Vinyl chloride	1.374	62	22172	10.189	ug/L	99
6) Bromomethane	1.618	94	13597	10.334	ug/L	98
8) Chloroethane	1.691	64	14103	10.415	ug/L	96
9) Trichlorofluoromethane	1.892	101	34929	10.188	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	19475	9.939	ug/L	98
12) 1,1-Dichloroethene	2.325	96	16971	9.752	ug/L	87
13) Acetone	2.380	43	26774	22.007	ug/L	99
14) Carbon disulfide	2.514	76	42302	9.673	ug/L	99
15) Methyl Acetate	2.703	43	21015	9.950	ug/L	98
16) Methylene chloride	2.794	84	17738	9.779	ug/L	96
17) trans-1,2-Dichloroethene	3.099	96	18077	10.035	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	53693	9.496	ug/L	99
19) 1,1-Dichloroethane	3.611	63	31688	9.904	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	19468	9.486	ug/L	96
22) 2-Butanone	4.556	43	31391	19.712	ug/L	99
23) Bromochloromethane	4.898	128	10733	9.620	ug/L	98
25) Chloroform	5.099	83	34617	9.872	ug/L	100
27) 1,2-Dichloroethane	6.092	62	28171	9.995	ug/L	99
29) Cyclohexane	5.471	56	26130	9.497	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	29797	9.681	ug/L	98
31) Carbon tetrachloride	5.678	117	27206	9.700	ug/L	99
33) Benzene	6.044	78	69972	9.820	ug/L	100
34) Trichloroethene	7.129	95	19799	9.686	ug/L	94
35) Methylcyclohexane	7.379	83	28136	9.706	ug/L	99
37) 1,2-Dichloropropane	7.434	63	17848	9.677	ug/L	100
38) Bromodichloromethane	7.824	83	24892	9.627	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	27667	9.181	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	53393	19.115	ug/L	99
42) Toluene	8.720	91	78279	9.920	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	25314	8.989	ug/L	99

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45) 1,1,2-Trichloroethane	9.153	97	19664	9.815	ug/L	96
46) Tetrachloroethene	9.275	164	19198	9.972	ug/L	98
48) 2-Hexanone	9.433	43	42168	18.686	ug/L	98
49) Dibromochloromethane	9.519	129	21673	9.592	ug/L	96
50) 1,2-Dibromoethane	9.610	107	20925	9.682	ug/L	99
51) Chlorobenzene	10.079	112	55663	10.065	ug/L	98
52) Ethylbenzene	10.195	91	88639	9.900	ug/L	100
53) m,p-Xylene	10.299	106	35262	9.878	ug/L	97
54) o-Xylene	10.640	106	33810	9.821	ug/L	97
55) Styrene	10.653	104	56756	9.589	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	31941	10.290	ug/L	96
59) Bromoform	10.799	173	17214	8.731	ug/L	98
60) Isopropylbenzene	10.963	105	90767	9.664	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	24481	9.980	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	71541	9.449	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	72367	9.495	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	49287	10.001	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	50758	10.033	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	47730	9.984	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	6561	9.352	ug/L	84
69) 1,3,5-Trichlorobenzene	13.109	180	37767	10.007	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	34492	9.644	ug/L	99
71) Naphthalene	13.774	128	91858	9.372	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	34986	9.974	ug/L	98

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

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