

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041724\
 Data File : VX041125.D
 Acq On : 17 Apr 2024 14:37
 Operator : JC/MD
 Sample : VSTD20078
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200678

Quant Time: Apr 18 01:29:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 01:26:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/18/2024
 Supervised By : Mahesh Dadoda 04/18/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	299168	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	278753	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	162076	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	453625	211.905	ug/L	0.00
7) Chloroethane-d5	1.648	69	216504	205.743	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	196265	214.002	ug/L	0.00
21) 2-Butanone-d5	4.471	46	453804	371.348	ug/L	0.00
24) Chloroform-d	5.056	84	856863	217.466	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	522979	208.870	ug/L	0.00
32) Benzene-d6	5.971	84	1703729	212.187	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	502375	216.153	ug/L	0.00
41) Toluene-d8	8.647	98	1591789	211.330	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	255348	245.592	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	438174	464.360	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	724831	213.757	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	723174	207.481	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	395013	211.020	ug/L	100
3) Chloromethane	1.301	50	373721	208.556	ug/L	99
5) Vinyl chloride	1.374	62	407415	211.015	ug/L	100
6) Bromomethane	1.599	94	210974	208.529	ug/L	100
8) Chloroethane	1.666	64	147038m	203.503	ug/L	
9) Trichlorofluoromethane	1.855	101	582142	201.078	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	422702	215.557	ug/L	99
12) 1,1-Dichloroethene	2.307	96	353392	210.935	ug/L	97
13) Acetone	2.398	43	385766	393.556	ug/L	99
14) Carbon disulfide	2.496	76	845420	259.312	ug/L	100
15) Methyl Acetate	2.709	43	437762	210.235	ug/L	99
16) Methylene chloride	2.782	84	389760	210.898	ug/L	98
17) trans-1,2-Dichloroethene	3.081	96	372779	220.198	ug/L	99
18) Methyl tert-butyl Ether	3.123	73	1274018	218.601	ug/L	100
19) 1,1-Dichloroethane	3.605	63	696668	215.966	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	442935	219.474	ug/L	97
22) 2-Butanone	4.568	43	636116	433.435	ug/L	98
23) Bromochloromethane	4.898	128	234567	223.237	ug/L	98
25) Chloroform	5.093	83	744015	214.688	ug/L	98
27) 1,2-Dichloroethane	6.086	62	577277	211.081	ug/L	98
29) Cyclohexane	5.458	56	611017	217.890	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	667741	220.797	ug/L	99
31) Carbon tetrachloride	5.672	117	601154	231.224	ug/L	99
33) Benzene	6.038	78	1521940	209.330	ug/L	100
34) Trichloroethene	7.123	95	426243	216.572	ug/L	98
35) Methylcyclohexane	7.379	83	661536	221.153	ug/L	99
37) 1,2-Dichloropropane	7.428	63	400420	212.385	ug/L	100
38) Bromodichloromethane	7.818	83	552966	229.451	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	676854	235.664	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	1207078	430.819	ug/L	97
42) Toluene	8.720	91	1651172	210.585	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	631358	241.342	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	428114	210.681	ug/L	99
46) Tetrachloroethene	9.275	164	401955	213.305	ug/L	98
48) 2-Hexanone	9.433	43	944472	434.050	ug/L	99
49) Dibromochloromethane	9.525	129	487330	236.095	ug/L	98
50) 1,2-Dibromoethane	9.610	107	458620	216.689	ug/L	100
51) Chlorobenzene	10.080	112	1149905	210.407	ug/L	99
52) Ethylbenzene	10.195	91	1861869	213.122	ug/L	98
53) m,p-Xylene	10.299	106	757629	219.068	ug/L	98
54) o-Xylene	10.640	106	758689	219.044	ug/L	96
55) Styrene	10.653	104	1284881	222.925	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	680559	209.763	ug/L	98
59) Bromoform	10.799	173	431167	235.548	ug/L	100
60) Isopropylbenzene	10.964	105	1958201	204.842	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	517217	193.569	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1656738	212.248	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	1660065	213.825	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	1020081	209.133	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	1028723	206.747	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	1030720	203.765	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	158035	231.755	ug/L	84
69) 1,3,5-Trichlorobenzene	13.109	180	841395	221.514	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	790123	230.670	ug/L	99
71) Naphthalene	13.774	128	2206342	224.418	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	786705	219.999	ug/L	99

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

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