

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112824\
 Data File : VU062055.D
 Acq On : 27 Nov 2024 15:03
 Operator : MD/SY
 Sample : VSTD00509
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005009

Quant Time: Nov 28 00:45:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 00:45:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/02/2024
 Supervised By :Semsettin Yesilyurt 12/02/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	174796	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	160143	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	75219	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	6109	5.001	ug/L	0.00
7) Chloroethane-d5	1.904	69	4586	4.409	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.566	63	11292	4.960	ug/L	0.00
21) 2-Butanone-d5	4.647	46	6864m	7.086	ug/L	0.03
24) Chloroform-d	5.058	84	12422	4.811	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	7797	4.742	ug/L	0.00
32) Benzene-d6	5.721	84	22180	4.421	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	7072	4.606	ug/L	0.00
41) Toluene-d8	7.894	98	19561	4.198	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	3049	3.960	ug/L	0.00
47) 2-Hexanone-d5	8.634	63	4270m	5.784	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	10260	4.298	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	7619	4.717	ug/L	0.00
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.383	85	7840	5.983	ug/L	100
3) Chloromethane	1.518	50	6506	5.469	ug/L	94
5) Vinyl chloride	1.602	62	6838	5.428	ug/L	92
6) Bromomethane	1.849	94	3943	4.475	ug/L	95
8) Chloroethane	1.927	64	4145	5.117	ug/L	96
9) Trichlorofluoromethane	2.132	101	10413	5.735	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	5941	5.665	ug/L	99
12) 1,1-Dichloroethene	2.573	96	5035	5.143	ug/L	88
13) Acetone	2.628	43	10712	13.837	ug/L	94
14) Carbon disulfide	2.788	76	15466	5.187	ug/L	98
15) Methyl Acetate	2.952	43	5415	4.624	ug/L	90
16) Methylene chloride	3.042	84	6017	5.020	ug/L	99
17) trans-1,2-Dichloroethene	3.351	96	5178	4.879	ug/L	88
18) Methyl tert-butyl Ether	3.357	73	17642	4.863	ug/L	99
19) 1,1-Dichloroethane	3.862	63	10430	5.154	ug/L	97
20) cis-1,2-Dichloroethene	4.663	96	5981	4.800	ug/L	87
22) 2-Butanone	4.724	43	10652m	11.155	ug/L	
23) Bromochloromethane	4.968	128	3281	5.187	ug/L	96
25) Chloroform	5.081	83	10988	5.050	ug/L	97
27) 1,2-Dichloroethane	5.791	62	8819	5.081	ug/L	99
29) Cyclohexane	5.380	56	8316	4.809	ug/L	95
30) 1,1,1-Trichloroethane	5.306	97	10010	5.553	ug/L	98
31) Carbon tetrachloride	5.518	117	8834	5.630	ug/L	98
33) Benzene	5.769	78	22411	4.916	ug/L	100
34) Trichloroethene	6.537	95	6268	5.217	ug/L	95
35) Methylcyclohexane	6.756	83	9189	4.948	ug/L	97
37) 1,2-Dichloropropane	6.785	63	6359	5.255	ug/L #	93
38) Bromodichloromethane	7.103	83	7915	5.082	ug/L #	97
39) cis-1,3-Dichloropropene	7.605	75	8691	4.498	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	14337	8.826	ug/L	99
42) Toluene	7.965	91	23559	4.754	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	8099	4.506	ug/L	97

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45) 1,1,2-Trichloroethane	8.396	97	5784	4.768	ug/L	96
46) Tetrachloroethene	8.547	164	5029	5.712	ug/L	93
48) 2-Hexanone	8.685	43	12386	9.387	ug/L	99
49) Dibromochloromethane	8.804	129	5787	4.772	ug/L	99
50) 1,2-Dibromoethane	8.920	107	6002	4.489	ug/L #	96
51) Chlorobenzene	9.441	112	15478	4.901	ug/L	95
52) Ethylbenzene	9.566	91	25144	4.672	ug/L	99
53) m,p-Xylene	9.688	106	9145	4.475	ug/L	98
54) o-Xylene	10.097	106	8975	4.458	ug/L	99
55) Styrene	10.113	104	14289	4.321	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	9496	4.553	ug/L #	98
59) Bromoform	10.286	173	4465	5.089	ug/L	92
60) 1,2,3-Trichloropropane	10.817	75	7754	4.961	ug/L	99
61) Isopropylbenzene	10.479	105	23728	4.812	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	19895	4.923	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	18127	4.550	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	11663	5.249	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	11818	5.249	ug/L	91
67) 1,2-Dichlorobenzene	12.209	146	11211	5.053	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	1981	4.739	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.219	180	8306	5.550	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	6017	4.753	ug/L	98
71) Naphthalene	14.097	128	13079m	3.298	ug/L	
72) 1,2,3-Trichlorobenzene	14.328	180	6029	4.850	ug/L	90

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

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