

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102924\
 Data File : VU061271.D
 Acq On : 28 Oct 2024 17:56
 Operator : MD/SY
 Sample : VSTD01004
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010004

Quant Time: Oct 29 01:49:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 29 01:48:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/29/2024
 Supervised By :Semsettin Yesilyurt 10/29/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	248264	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	228491	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	104182	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	17417	10.816	ug/L	0.00
7) Chloroethane-d5	1.904	69	15334	11.274	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	32083	11.083	ug/L	0.00
21) 2-Butanone-d5	4.624	46	27116	23.130	ug/L	0.02
24) Chloroform-d	5.055	84	35975	11.321	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	23374	12.149	ug/L	0.00
32) Benzene-d6	5.721	84	72114	11.831	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	21983	11.668	ug/L	0.00
41) Toluene-d8	7.891	98	66792	11.556	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	10278	11.451	ug/L	0.00
47) 2-Hexanone-d5	8.627	63	19572	23.468	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	33130	11.357	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	23172	11.666	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	17107	10.689	ug/L	98
3) Chloromethane	1.518	50	16708	10.754	ug/L	96
5) Vinyl chloride	1.602	62	17562	9.748	ug/L	99
6) Bromomethane	1.846	94	12361	12.076	ug/L	99
8) Chloroethane	1.927	64	10897	9.348	ug/L	100
9) Trichlorofluoromethane	2.132	101	23793	9.484	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	13803	8.808	ug/L	98
12) 1,1-Dichloroethene	2.573	96	13381	9.058	ug/L	91
13) Acetone	2.618	43	21539	18.838	ug/L	96
14) Carbon disulfide	2.788	76	39742	10.270	ug/L	99
15) Methyl Acetate	2.943	43	16213	9.299	ug/L	100
16) Methylene chloride	3.039	84	16641	8.984	ug/L	100
17) trans-1,2-Dichloroethene	3.351	96	14781	9.663	ug/L	96
18) Methyl tert-butyl Ether	3.354	73	49740	9.899	ug/L	98
19) 1,1-Dichloroethane	3.859	63	28217	9.708	ug/L	97
20) cis-1,2-Dichloroethene	4.660	96	17388	9.405	ug/L	92
22) 2-Butanone	4.701	43	26628m	18.618	ug/L	
23) Bromochloromethane	4.965	128	8584	8.832	ug/L	87
25) Chloroform	5.078	83	29632	9.467	ug/L	99
27) 1,2-Dichloroethane	5.788	62	24228	10.103	ug/L	98
29) Cyclohexane	5.377	56	23312	10.689	ug/L	98
30) 1,1,1-Trichloroethane	5.306	97	24291	9.900	ug/L	98
31) Carbon tetrachloride	5.515	117	20373	9.983	ug/L	97
33) Benzene	5.766	78	63900	10.065	ug/L	100
34) Trichloroethene	6.537	95	16092	9.498	ug/L	96
35) Methylcyclohexane	6.756	83	24768	10.331	ug/L	100
37) 1,2-Dichloropropane	6.785	63	17106	9.899	ug/L #	97
38) Bromodichloromethane	7.100	83	21157	9.607	ug/L #	92
39) cis-1,3-Dichloropropene	7.602	75	25260	9.443	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	44961	20.091	ug/L	98
42) Toluene	7.962	91	67497	9.776	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	23360	9.434	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	16805	9.324	ug/L	97
46) Tetrachloroethene	8.547	164	11851	8.759	ug/L	99
48) 2-Hexanone	8.679	43	33325	17.838	ug/L	93
49) Dibromochloromethane	8.801	129	15218	8.532	ug/L	99
50) 1,2-Dibromoethane	8.917	107	18251	9.585	ug/L #	96
51) Chlorobenzene	9.441	112	45073	9.873	ug/L	99
52) Ethylbenzene	9.563	91	70936	9.562	ug/L	100
53) m,p-Xylene	9.688	106	27597	9.593	ug/L	81
54) o-Xylene	10.093	106	25931	9.329	ug/L	97
55) Styrene	10.110	104	41042	8.846	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	28791	9.399	ug/L	99
59) Bromoform	10.283	173	11302	8.902	ug/L #	97
60) 1,2,3-Trichloropropane	10.814	75	23060	11.170	ug/L	99
61) Isopropylbenzene	10.476	105	67149	10.609	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	52924	11.120	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	51576	10.352	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	29729	9.347	ug/L	93
65) 1,4-Dichlorobenzene	11.830	146	30340	9.225	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	29627	9.193	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.987	75	5430	9.564	ug/L	86
69) 1,3,5-Trichlorobenzene	13.216	180	18985	8.335	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	14205	6.935	ug/L	99
71) Naphthalene	14.087	128	39829m	6.656	ug/L	
72) 1,2,3-Trichlorobenzene	14.325	180	13832	6.826	ug/L	92

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

