

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
 Data File : VU060350.D
 Acq On : 08 Aug 2024 11:11
 Operator : MD/SY
 Sample : VSTD00101
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001001

Quant Time: Aug 08 23:24:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 08 23:23:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	116958	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	122825	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	58202	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	9125	1.091	ug/L	0.00
7) Chloroethane-d5	1.911	69	8023	1.036	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	3871	1.163	ug/L	0.00
20) 2-Butanone-d5	4.666	46	18119m	9.462	ug/L	0.03
24) Chloroform-d	5.058	84	17586	1.010	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	8557	1.065	ug/L	0.00
32) Benzene-d6	5.724	84	35041	1.046	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	10897	1.023	ug/L	0.00
41) Toluene-d8	7.894	98	29743	0.976	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	3351	0.932	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	12582	7.736	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	9275	0.989	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	10319	0.972	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	6345	0.760	ug/L	95
3) Chloromethane	1.518	50	8318	0.814	ug/L	96
5) Vinyl chloride	1.599	62	9346	0.814	ug/L	94
6) Bromomethane	1.853	94	6957	0.915	ug/L	95
8) Chloroethane	1.930	64	6353	0.840	ug/L	93
9) Trichlorofluoromethane	2.132	101	12843	0.873	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	8353	0.868	ug/L	96
12) 1,1-Dichloroethene	2.576	96	7734	0.884	ug/L	93
13) Acetone	2.666	43	12854m	9.877	ug/L	
14) Carbon disulfide	2.788	76	20016	0.808	ug/L	97
15) Methyl Acetate	2.965	43	2730m	0.905	ug/L	
16) Methylene chloride	3.039	84	12421	1.159	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	17095	0.849	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	7083	0.783	ug/L	95
19) 1,1-Dichloroethane	3.865	63	15621	0.902	ug/L	98
21) 2-Butanone	4.730	43	19234m	9.566	ug/L	
22) cis-1,2-Dichloroethene	4.656	96	8779	0.861	ug/L	98
23) Bromochloromethane	4.968	128	4318	0.871	ug/L	89
25) Chloroform	5.081	83	17146	0.898	ug/L	96
27) 1,2-Dichloroethane	5.798	62	8750	0.806	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	13216	0.877	ug/L	96
30) Cyclohexane	5.377	56	9575	0.802	ug/L	98
31) Carbon tetrachloride	5.515	117	11553	0.887	ug/L	98
33) Benzene	5.772	78	33385	0.841	ug/L	100
34) Trichloroethene	6.537	95	8900	0.842	ug/L	97
35) Methylcyclohexane	6.759	83	10406	0.760	ug/L	99
37) 1,2-Dichloropropane	6.788	63	9178	0.847	ug/L	98
38) Bromodichloromethane	7.103	83	11741	0.867	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	11740	0.829	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	37838	7.786	ug/L	100
42) Toluene	7.965	91	33101	0.784	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	9686	0.814	ug/L	96

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

45) 1,1,2-Trichloroethane	8.393	97	7517	0.910	ug/L	93
47) Tetrachloroethene	8.547	164	7226	0.841	ug/L	94
48) 2-Hexanone	8.685	43	27469	7.605	ug/L	98
49) Dibromochloromethane	8.804	129	7236	0.795	ug/L	87
50) 1,2-Dibromoethane	8.920	107	6209	0.831	ug/L #	92
51) Chlorobenzene	9.441	112	25271	0.912	ug/L	95
52) Ethylbenzene	9.566	91	34178	0.807	ug/L	99
53) m,p-Xylene	9.688	106	13009	0.794	ug/L	81
54) o-Xylene	10.094	106	11999	0.765	ug/L	98
55) Styrene	10.113	104	19393	0.726	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.778	83	8889	0.874	ug/L	97
59) Bromoform	10.286	173	4595	0.882	ug/L	98
60) Isopropylbenzene	10.479	105	32576	0.867	ug/L	98
61) 1,2,3-Trichloropropane	10.820	75	6308	1.032	ug/L	92
62) 1,3,5-Trimethylbenzene	11.081	105	23514	0.816	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	22029	0.788	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	17782	0.886	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	17119	0.832	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	17107	0.889	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	1120	0.936	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.216	180	13334	0.881	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	9861	0.847	ug/L	97
71) Naphthalene	14.090	128	11600	0.695	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	8566	0.821	ug/L	94

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

