

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082224\
 Data File : VU060501.D
 Acq On : 22 Aug 2024 13:48
 Operator : MD/SY
 Sample : VSTD0.506
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5006

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/26/2024
 Supervised By :Semsettin Yesilyurt 08/26/2024

Quant Time: Aug 23 06:32:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 23 06:32:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	75101	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	78947	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35208	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	1643	0.308	ug/L	0.00
7) Chloroethane-d5	1.914	69	2540	0.495	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	1328	0.565	ug/L	0.00
20) 2-Butanone-d5	4.669	46	4669m	3.758	ug/L	0.04
24) Chloroform-d	5.062	84	4232	0.377	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.705	65	2311	0.430	ug/L	0.00
32) Benzene-d6	5.730	84	7416	0.329	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	2526	0.358	ug/L	0.00
41) Toluene-d8	7.898	98	5837	0.292	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.184	79	782	0.341	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	2869	2.835	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	2228	0.386	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	2582	0.437	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	4391	0.874	ug/L	95
3) Chloromethane	1.518	50	3508	0.639	ug/L	87
5) Vinyl chloride	1.602	62	3263	0.534	ug/L	92
6) Bromomethane	1.856	94	2967	0.642	ug/L	93
8) Chloroethane	1.930	64	3753	0.844	ug/L	99
9) Trichlorofluoromethane	2.133	101	8374	0.898	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	4246	0.766	ug/L	97
12) 1,1-Dichloroethene	2.579	96	3856	0.773	ug/L	81
13) Acetone	2.653	43	6835m	7.994	ug/L	
14) Carbon disulfide	2.788	76	14077	1.028	ug/L	96
15) Methyl Acetate	2.978	43	1492	0.800	ug/L #	91
16) Methylene chloride	3.039	84	5129	0.723	ug/L	93
17) Methyl tert-butyl Ether	3.358	73	8258	0.697	ug/L	94
18) trans-1,2-Dichloroethene	3.351	96	3711	0.754	ug/L	91
19) 1,1-Dichloroethane	3.866	63	5640	0.546	ug/L #	89
21) 2-Butanone	4.740	43	6334m	4.862	ug/L	
22) cis-1,2-Dichloroethene	4.669	96	2452	0.417	ug/L	70
23) Bromochloromethane	4.981	128	1071m	0.397	ug/L	
25) Chloroform	5.087	83	6114	0.553	ug/L	83
27) 1,2-Dichloroethane	5.792	62	3689	0.596	ug/L #	91
29) 1,1,1-Trichloroethane	5.309	97	4933	0.543	ug/L	94
30) Cyclohexane	5.377	56	3725	0.495	ug/L #	92
31) Carbon tetrachloride	5.518	117	4658	0.581	ug/L	93
33) Benzene	5.772	78	10883	0.472	ug/L	100
34) Trichloroethene	6.541	95	3343	0.549	ug/L	89
35) Methylcyclohexane	6.756	83	3775	0.465	ug/L	96
37) 1,2-Dichloropropane	6.788	63	3046	0.482	ug/L #	90
38) Bromodichloromethane	7.103	83	3795	0.486	ug/L #	90
39) cis-1,3-Dichloropropene	7.608	75	3704	0.431	ug/L	88
40) 4-Methyl-2-pentanone	7.791	43	13991	4.657	ug/L #	97
42) Toluene	7.968	91	10759	0.440	ug/L	95
44) trans-1,3-Dichloropropene	8.213	75	2860	0.400	ug/L	97

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

45) 1,1,2-Trichloroethane	8.396	97	2006	0.425	ug/L	97
47) Tetrachloroethene	8.550	164	2312	0.480	ug/L	95
48) 2-Hexanone	8.689	43	10539m	4.676	ug/L	
49) Dibromochloromethane	8.807	129	2520	0.499	ug/L	91
50) 1,2-Dibromoethane	8.923	107	1702	0.404	ug/L #	97
51) Chlorobenzene	9.444	112	7490	0.457	ug/L	99
52) Ethylbenzene	9.566	91	10900	0.421	ug/L	100
53) m,p-Xylene	9.688	106	3803	0.388	ug/L	91
54) o-Xylene	10.097	106	3658	0.391	ug/L	99
55) Styrene	10.116	104	6462	0.401	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	2548	0.437	ug/L	96
59) Bromoform	10.290	173	1608	0.629	ug/L #	78
60) Isopropylbenzene	10.479	105	9778	0.479	ug/L	97
61) 1,2,3-Trichloropropane	10.823	75	1869	0.579	ug/L #	88
62) 1,3,5-Trimethylbenzene	11.087	105	7285	0.463	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	7007	0.431	ug/L	100
64) 1,3-Dichlorobenzene	11.746	146	5304	0.483	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	5327	0.485	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	5159	0.531	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.003	75	261	0.428	ug/L	87
69) 1,3,5-Trichlorobenzene	13.219	180	3959	0.507	ug/L	98
70) 1,2,4-trichlorobenzene	13.843	180	2635	0.432	ug/L #	84
71) Naphthalene	14.100	128	2208m	0.258	ug/L	
72) 1,2,3-Trichlorobenzene	14.331	180	2070	0.380	ug/L #	89

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

