

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042224\
 Data File : VU058763.D
 Acq On : 22 Apr 2024 11:20
 Operator : MD/SY
 Sample : VSTD0.556
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5056

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/24/2024
 Supervised By :Semsettin Yesilyurt 04/24/2024

Quant Time: Apr 22 23:37:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 22 23:37:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	95915	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	91088	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	39970	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	3355	0.502	ug/L	0.00
7) Chloroethane-d5	1.907	69	2769	0.492	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	1699	0.546	ug/L	0.00
20) 2-Butanone-d5	4.660	46	5304m	3.885	ug/L	0.03
24) Chloroform-d	5.055	84	6717	0.499	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	3253	0.510	ug/L	0.00
32) Benzene-d6	5.724	84	11970	0.462	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	3678	0.458	ug/L	0.00
41) Toluene-d8	7.898	98	10550	0.457	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	1196	0.461	ug/L	0.00
46) 2-Hexanone-d5	8.640	63	3359	3.361	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.749	84	2108	0.377	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	2905	0.417	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	5518	0.639	ug/L	99
3) Chloromethane	1.512	50	4318	0.449	ug/L	93
5) Vinyl chloride	1.599	62	4547	0.473	ug/L	97
6) Bromomethane	1.850	94	2605	0.545	ug/L	93
8) Chloroethane	1.927	64	2573	0.430	ug/L	93
9) Trichlorofluoromethane	2.132	101	6891	0.526	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	3954	0.505	ug/L	96
12) 1,1-Dichloroethene	2.573	96	3557	0.513	ug/L	88
14) Carbon disulfide	2.785	76	12329	0.549	ug/L	99
15) Methyl Acetate	2.965	43	1004m	0.381	ug/L	
16) Methylene chloride	3.036	84	4001	0.450	ug/L	97
17) Methyl tert-butyl Ether	3.348	73	7721	0.474	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	3332	0.462	ug/L	87
19) 1,1-Dichloroethane	3.859	63	7385	0.470	ug/L	99
21) 2-Butanone	4.734	43	7022m	4.180	ug/L	
22) cis-1,2-Dichloroethene	4.663	96	3825	0.475	ug/L	92
23) Bromochloromethane	4.972	128	1480	0.466	ug/L	91
25) Chloroform	5.078	83	7954	0.518	ug/L	97
27) 1,2-Dichloroethane	5.798	62	4871	0.523	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	6877	0.540	ug/L	99
30) Cyclohexane	5.380	56	5985	0.455	ug/L	93
31) Carbon tetrachloride	5.515	117	5962	0.548	ug/L	96
33) Benzene	5.769	78	15749	0.473	ug/L	100
34) Trichloroethene	6.541	95	4448	0.522	ug/L	95
35) Methylcyclohexane	6.756	83	6119	0.478	ug/L	99
37) 1,2-Dichloropropane	6.785	63	4234	0.486	ug/L #	91
38) Bromodichloromethane	7.100	83	5204	0.513	ug/L #	92
39) cis-1,3-Dichloropropene	7.608	75	5294	0.466	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	16827	4.133	ug/L	99
42) Toluene	7.965	91	15457	0.442	ug/L	95
44) trans-1,3-Dichloropropene	8.209	75	3890	0.437	ug/L	93
45) 1,1,2-Trichloroethane	8.396	97	2317	0.453	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	8.547	164	2906	0.468	ug/L #	73
48) 2-Hexanone	8.685	43	11991m	4.165	ug/L	
49) Dibromochloromethane	8.804	129	2494	0.422	ug/L #	70
50) 1,2-Dibromoethane	8.920	107	2179	0.466	ug/L #	87
51) Chlorobenzene	9.441	112	10005	0.474	ug/L	97
52) Ethylbenzene	9.566	91	16346	0.438	ug/L	100
53) m,p-Xylene	9.692	106	6037	0.453	ug/L	92
54) o-Xylene	10.094	106	5653	0.435	ug/L	84
55) Styrene	10.116	104	8776	0.416	ug/L	84
57) 1,1,2,2-Tetrachloroethane	10.778	83	2663	0.428	ug/L	94
59) Bromoform	10.286	173	1518	0.563	ug/L #	87
60) Isopropylbenzene	10.479	105	15555	0.520	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	1927	0.480	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	12492	0.510	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	11117	0.450	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	7217	0.506	ug/L	94
65) 1,4-Dichlorobenzene	11.833	146	6989	0.502	ug/L	94
67) 1,2-Dichlorobenzene	12.212	146	6031	0.469	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.000	75	122	0.173	ug/L	86
69) 1,3,5-Trichlorobenzene	13.216	180	4798	0.457	ug/L	97
70) 1,2,4-trichlorobenzene	13.843	180	3139	0.390	ug/L #	97
71) Naphthalene	14.097	128	3890	0.356	ug/L #	78
72) 1,2,3-Trichlorobenzene	14.328	180	2480	0.375	ug/L	88

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

