

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061724\
 Data File : VU059269.D
 Acq On : 17 Jun 2024 09:37
 Operator : MD/SY
 Sample : VSTD0.568
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5068

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/19/2024
 Supervised By :Semsettin Yesilyurt 06/19/2024

Quant Time: Jun 17 11:09:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 10:14:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	103882	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	107062	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	49201	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	3456	0.549	ug/L	0.00
7) Chloroethane-d5	1.907	69	3279	0.577	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	1454	0.567	ug/L	0.00
20) 2-Butanone-d5	4.644	46	6620	4.046	ug/L	0.02
24) Chloroform-d	5.058	84	7114	0.560	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	3486	0.534	ug/L	0.00
32) Benzene-d6	5.727	84	13286	0.541	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	4352	0.531	ug/L	0.00
41) Toluene-d8	7.898	98	12577	0.562	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	1211	0.431	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	3943	2.924	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.753	84	3622	0.512	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	4538	0.613	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	4284	0.564	ug/L	92
3) Chloromethane	1.515	50	4516	0.510	ug/L	97
5) Vinyl chloride	1.599	62	4876	0.514	ug/L	95
6) Bromomethane	1.853	94	3174	0.537	ug/L	96
8) Chloroethane	1.927	64	3003	0.498	ug/L	94
9) Trichlorofluoromethane	2.132	101	6077	0.500	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	3949	0.536	ug/L	97
12) 1,1-Dichloroethene	2.576	96	3530	0.545	ug/L	80
13) Acetone	2.631	43	4761	4.210	ug/L	98
14) Carbon disulfide	2.785	76	11845	0.578	ug/L	99
15) Methyl Acetate	2.956	43	1061m	0.378	ug/L	
16) Methylene chloride	3.039	84	4361	0.497	ug/L	89
17) Methyl tert-butyl Ether	3.357	73	6824	0.406	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	3496	0.513	ug/L	85
19) 1,1-Dichloroethane	3.865	63	6634	0.466	ug/L	93
21) 2-Butanone	4.724	43	6726m	3.709	ug/L	
22) cis-1,2-Dichloroethene	4.666	96	3678	0.469	ug/L	90
23) Bromochloromethane	4.975	128	1665	0.481	ug/L #	78
25) Chloroform	5.084	83	6960	0.468	ug/L	99
27) 1,2-Dichloroethane	5.795	62	3989	0.439	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	5927	0.495	ug/L	92
30) Cyclohexane	5.380	56	4303	0.380	ug/L	93
31) Carbon tetrachloride	5.518	117	4754	0.476	ug/L	97
33) Benzene	5.769	78	14050	0.446	ug/L	100
34) Trichloroethene	6.544	95	4040	0.485	ug/L	95
35) Methylcyclohexane	6.759	83	4963	0.418	ug/L	91
37) 1,2-Dichloropropane	6.788	63	3789	0.424	ug/L #	90
38) Bromodichloromethane	7.103	83	4639	0.433	ug/L #	99
39) cis-1,3-Dichloropropene	7.608	75	4515	0.371	ug/L	92
40) 4-Methyl-2-pentanone	7.788	43	15365	3.328	ug/L	98
42) Toluene	7.968	91	13547	0.413	ug/L	95
44) trans-1,3-Dichloropropene	8.213	75	3530	0.355	ug/L	87

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

45) 1,1,2-Trichloroethane	8.399	97	2606	0.415	ug/L	94
47) Tetrachloroethene	8.553	164	3131	0.528	ug/L	96
48) 2-Hexanone	8.688	43	10692	3.213	ug/L	96
49) Dibromochloromethane	8.804	129	3001	0.453	ug/L	97
50) 1,2-Dibromoethane	8.923	107	2483	0.447	ug/L #	99
51) Chlorobenzene	9.444	112	9545	0.456	ug/L	91
52) Ethylbenzene	9.569	91	13628	0.385	ug/L	97
53) m,p-Xylene	9.692	106	5024	0.387	ug/L	94
54) o-Xylene	10.097	106	4915	0.387	ug/L	94
55) Styrene	10.116	104	7521	0.352	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	3349	0.420	ug/L #	97
59) Bromoform	10.293	173	1766	0.491	ug/L #	93
60) Isopropylbenzene	10.483	105	12042	0.382	ug/L	99
61) 1,2,3-Trichloropropane	10.827	75	2075	0.410	ug/L #	92
62) 1,3,5-Trimethylbenzene	11.087	105	9060	0.361	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	8135	0.327	ug/L	97
64) 1,3-Dichlorobenzene	11.746	146	6830	0.446	ug/L	90
65) 1,4-Dichlorobenzene	11.836	146	7576	0.495	ug/L	90
67) 1,2-Dichlorobenzene	12.209	146	6750	0.471	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.997	75	370	0.363	ug/L	95
69) 1,3,5-Trichlorobenzene	13.222	180	5143	0.448	ug/L	94
70) 1,2,4-trichlorobenzene	13.843	180	3570	0.376	ug/L	98
71) Naphthalene	14.097	128	4170	0.292	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.331	180	3176	0.382	ug/L	99

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

