

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058875.D
 Acq On : 14 May 2024 09:34
 Operator : MD/SY
 Sample : VSTD0.562
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5062

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
 Supervised By :Semsettin Yesilyurt 05/15/2024

Quant Time: May 15 00:26:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:25:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	156838	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158498	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	73160	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	4738	0.492	ug/L	0.00
7) Chloroethane-d5	1.911	69	4305	0.501	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	1996	0.523	ug/L	0.00
20) 2-Butanone-d5	4.657	46	10343	4.327	ug/L	0.03
24) Chloroform-d	5.052	84	8978	0.470	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.708	65	4975	0.528	ug/L	0.01
32) Benzene-d6	5.727	84	16218	0.434	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	5439	0.451	ug/L	0.00
41) Toluene-d8	7.898	98	15834	0.478	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.181	79	1607	0.368	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	7438	3.614	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	5061	0.484	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	5615	0.509	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	4852	0.454	ug/L	97
3) Chloromethane	1.515	50	6316	0.503	ug/L	93
5) Vinyl chloride	1.602	62	6292	0.466	ug/L	91
6) Bromomethane	1.856	94	3992	0.475	ug/L	98
8) Chloroethane	1.930	64	4424	0.523	ug/L	100
9) Trichlorofluoromethane	2.136	101	8312	0.491	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	5301	0.524	ug/L	97
12) 1,1-Dichloroethene	2.576	96	4323	0.470	ug/L	91
13) Acetone	2.653	43	8039	4.874	ug/L	75
14) Carbon disulfide	2.792	76	15573	0.530	ug/L	99
15) Methyl Acetate	2.965	43	1748	0.421	ug/L #	72
16) Methylene chloride	3.039	84	7822	0.586	ug/L	93
17) Methyl tert-butyl Ether	3.361	73	11128	0.454	ug/L	99
18) trans-1,2-Dichloroethene	3.354	96	4534	0.458	ug/L	87
19) 1,1-Dichloroethane	3.862	63	9257	0.454	ug/L	97
21) 2-Butanone	4.740	43	12290m	4.666	ug/L	
22) cis-1,2-Dichloroethene	4.669	96	4964	0.429	ug/L	96
23) Bromochloromethane	4.975	128	2171	0.437	ug/L	90
25) Chloroform	5.084	83	10375	0.499	ug/L	97
27) 1,2-Dichloroethane	5.795	62	6276	0.486	ug/L #	94
29) 1,1,1-Trichloroethane	5.313	97	7876	0.469	ug/L	95
30) Cyclohexane	5.380	56	7214	0.448	ug/L	91
31) Carbon tetrachloride	5.515	117	6235	0.446	ug/L	96
33) Benzene	5.772	78	20143	0.446	ug/L	100
34) Trichloroethene	6.541	95	5498	0.463	ug/L	88
35) Methylcyclohexane	6.753	83	6816	0.404	ug/L	96
37) 1,2-Dichloropropane	6.792	63	5992	0.467	ug/L #	92
38) Bromodichloromethane	7.100	83	7162	0.475	ug/L #	97
39) cis-1,3-Dichloropropene	7.605	75	7421	0.426	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	27481m	4.004	ug/L	
42) Toluene	7.968	91	19153	0.402	ug/L	96
44) trans-1,3-Dichloropropene	8.213	75	6264	0.432	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	4168	0.478	ug/L	92
47) Tetrachloroethene	8.550	164	3893	0.472	ug/L	97
48) 2-Hexanone	8.685	43	20040m	3.952	ug/L	
49) Dibromochloromethane	8.804	129	4122	0.433	ug/L	94
50) 1,2-Dibromoethane	8.923	107	3358m	0.406	ug/L	
51) Chlorobenzene	9.441	112	13298	0.442	ug/L	95
52) Ethylbenzene	9.566	91	20882	0.405	ug/L	99
53) m,p-Xylene	9.692	106	7047	0.367	ug/L	96
54) o-Xylene	10.097	106	7092	0.384	ug/L	93
55) Styrene	10.113	104	10784	0.339	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.779	83	5249	0.468	ug/L	92
59) Bromoform	10.287	173	2400	0.468	ug/L #	96
60) Isopropylbenzene	10.480	105	18641	0.415	ug/L	97
61) 1,2,3-Trichloropropane	10.820	75	3545	0.504	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	14430	0.397	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	13759	0.379	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	10209	0.468	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	10700	0.480	ug/L	94
67) 1,2-Dichlorobenzene	12.209	146	9171	0.440	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.997	75	685	0.459	ug/L	98
69) 1,3,5-Trichlorobenzene	13.219	180	7355	0.448	ug/L	94
70) 1,2,4-trichlorobenzene	13.840	180	6139	0.426	ug/L #	94
71) Naphthalene	14.090	128	7900m	0.332	ug/L	
72) 1,2,3-Trichlorobenzene	14.328	180	4932	0.382	ug/L	91

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

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