

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053834.D
 Acq On : 24 Apr 2023 11:04
 Operator : JC/MD
 Sample : VSTD0.519
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5019

Quant Time: Apr 25 04:21:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 25 04:21:19 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	132259	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	123762	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	59630	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	3971	0.454	ug/L	0.00
7) Chloroethane-d5	1.912	69	3004	0.385	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	1792	0.490	ug/L	0.00
20) 2-Butanone-d5	4.652	46	6206m	3.240	ug/L	0.02
24) Chloroform-d	5.063	84	6885	0.426	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	3231	0.396	ug/L	0.00
32) Benzene-d6	5.726	84	13188	0.392	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	3659	0.360	ug/L	0.00
41) Toluene-d8	7.896	98	10879	0.345	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	1540	0.394	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	4808	3.124	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	2994	0.361	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	4337	0.432	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	5332	0.555	ug/L	93
3) Chloromethane	1.520	50	5066	0.529	ug/L	100
5) Vinyl chloride	1.604	62	6047	0.555	ug/L	87
6) Bromomethane	1.858	94	3630	0.522	ug/L	96
8) Chloroethane	1.935	64	3941	0.623	ug/L	89
9) Trichlorofluoromethane	2.141	101	8802	0.544	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	5458	0.647	ug/L	92
12) 1,1-Dichloroethene	2.581	96	4000	0.524	ug/L	95
13) Acetone	2.652	43	6062	5.005	ug/L	97
14) Carbon disulfide	2.790	76	12116	0.545	ug/L	100
15) Methyl Acetate	2.961	43	1273	0.450	ug/L #	78
16) Methylene chloride	3.044	84	13672	1.349	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	9296	0.512	ug/L #	61
18) trans-1,2-Dichloroethene	3.356	96	4405	0.558	ug/L	84
19) 1,1-Dichloroethane	3.867	63	8302	0.570	ug/L	96
21) 2-Butanone	4.723	43	8008m	4.263	ug/L	
22) cis-1,2-Dichloroethene	4.671	96	4854	0.460	ug/L	82
23) Bromochloromethane	4.977	128	2055	0.533	ug/L	92
25) Chloroform	5.086	83	8662	0.572	ug/L	98
27) 1,2-Dichloroethane	5.796	62	4985	0.536	ug/L #	91
29) 1,1,1-Trichloroethane	5.308	97	7494	0.596	ug/L	93
30) Cyclohexane	5.385	56	6299	0.485	ug/L	97
31) Carbon tetrachloride	5.523	117	6126	0.563	ug/L	93
33) Benzene	5.774	78	18174	0.535	ug/L	100
34) Trichloroethene	6.539	95	4903	0.541	ug/L	95
35) Methylcyclohexane	6.761	83	7679	0.506	ug/L	97
37) 1,2-Dichloropropane	6.787	63	4514	0.511	ug/L #	87
38) Bromodichloromethane	7.102	83	5382	0.539	ug/L	87
39) cis-1,3-Dichloropropene	7.610	75	6184	0.477	ug/L	91
40) 4-Methyl-2-pentanone	7.793	43	18206	4.322	ug/L	98
42) Toluene	7.967	91	18615	0.504	ug/L	95
44) trans-1,3-Dichloropropene	8.211	75	4998	0.474	ug/L	93

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

45) 1,1,2-Trichloroethane	8.398	97	3564	0.563	ug/L	93
47) Tetrachloroethene	8.549	164	4044	0.596	ug/L	77
48) 2-Hexanone	8.684	43	12149	3.925	ug/L	95
49) Dibromochloromethane	8.806	129	3380	0.533	ug/L	76
50) 1,2-Dibromoethane	8.922	107	3282	0.542	ug/L #	93
51) Chlorobenzene	9.446	112	13054	0.560	ug/L	96
52) Ethylbenzene	9.568	91	19110	0.477	ug/L	97
53) m,p-Xylene	9.693	106	7139	0.467	ug/L	84
54) o-Xylene	10.099	106	6827	0.470	ug/L	86
55) Styrene	10.115	104	10773	0.450	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.777	83	3529	0.452	ug/L	99
59) Bromoform	10.288	173	1742	0.555	ug/L #	94
60) Isopropylbenzene	10.481	105	19274	0.533	ug/L	98
61) 1,2,3-Trichloropropane	10.822	75	2638	0.546	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	14374	0.493	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	12902	0.433	ug/L	94
64) 1,3-Dichlorobenzene	11.745	146	9153	0.564	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	9472	0.583	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	8821	0.579	ug/L	90
68) 1,2-Dibromo-3-chloropr...	13.012	75	360m	0.379	ug/L	
69) 1,3,5-Trichlorobenzene	13.221	180	6438	0.566	ug/L	96
70) 1,2,4-trichlorobenzene	13.838	180	4804	0.533	ug/L	94
72) 1,2,3-Trichlorobenzene	14.327	180	4115	0.522	ug/L	94

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

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