

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051904.D
 Acq On : 18 Nov 2022 14:41
 Operator : JC/MD
 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 :Krupa Patel 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

Quant Time: Nov 18 21:59:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 21:59:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	231615	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	229616	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	95590	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	10259	0.455	ug/L	0.00
7) Chloroethane-d5	1.916	69	8176	0.467	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	3901	0.483	ug/L	0.00
20) 2-Butanone-d5	4.655	46	17289m	4.206	ug/L	0.02
24) Chloroform-d	5.067	84	15791	0.477	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	8916	0.533	ug/L	0.00
32) Benzene-d6	5.729	84	30165	0.443	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	9823	0.466	ug/L	0.00
41) Toluene-d8	7.899	98	26070	0.423	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	3441	0.448	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	10321m	3.168	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	8796	0.481	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	9644	0.527	ug/L	0.00
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	10270	0.511	ug/L	100
3) Chloromethane	1.523	50	14085	0.537	ug/L	99
5) Vinyl chloride	1.604	62	12553	0.498	ug/L	99
6) Bromomethane	1.858	94	6779	0.524	ug/L	99
8) Chloroethane	1.935	64	8031	0.513	ug/L	98
9) Trichlorofluoromethane	2.137	101	15001	0.541	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	8876	0.524	ug/L	99
12) 1,1-Dichloroethene	2.581	96	8628	0.514	ug/L	88
13) Acetone	2.649	43	13589	4.900	ug/L	99
14) Carbon disulfide	2.793	76	30312	0.521	ug/L	99
15) Methyl Acetate	2.967	43	3568m	0.496	ug/L	
16) Methylene chloride	3.044	84	14783	0.650	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	17918	0.476	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	9047	0.502	ug/L	86
19) 1,1-Dichloroethane	3.870	63	17007	0.524	ug/L	98
21) 2-Butanone	4.729	43	19961m	4.493	ug/L	
22) cis-1,2-Dichloroethene	4.668	96	8971	0.475	ug/L	92
23) Bromochloromethane	4.980	128	4514	0.499	ug/L #	88
25) Chloroform	5.089	83	16609	0.505	ug/L	98
27) 1,2-Dichloroethane	5.800	62	10472	0.520	ug/L	96
29) 1,1,1-Trichloroethane	5.317	97	12835	0.504	ug/L	98
30) Cyclohexane	5.388	56	10844	0.438	ug/L	94
31) Carbon tetrachloride	5.523	117	10334	0.477	ug/L	99
33) Benzene	5.774	78	34979	0.468	ug/L	100
34) Trichloroethene	6.542	95	9698	0.520	ug/L	96
35) Methylcyclohexane	6.761	83	11541	0.430	ug/L	99
37) 1,2-Dichloropropane	6.793	63	9579	0.495	ug/L #	93
38) Bromodichloromethane	7.105	83	11787	0.500	ug/L	94
39) cis-1,3-Dichloropropene	7.607	75	10897	0.439	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	41503	4.107	ug/L	94
42) Toluene	7.970	91	33987	0.442	ug/L	92
44) trans-1,3-Dichloropropene	8.211	75	9445	0.444	ug/L	88

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

45) 1,1,2-Trichloroethane	8.401	97	7480	0.514	ug/L	98
47) Tetrachloroethene	8.552	164	7167	0.502	ug/L	94
48) 2-Hexanone	8.687	43	30250m	4.062	ug/L	
49) Dibromochloromethane	8.809	129	8222	0.505	ug/L	96
50) 1,2-Dibromoethane	8.925	107	6322	0.477	ug/L	93
51) Chlorobenzene	9.446	112	24293	0.496	ug/L	96
52) Ethylbenzene	9.568	91	30666	0.410	ug/L	98
53) m,p-Xylene	9.693	106	11356	0.392	ug/L	96
54) o-Xylene	10.099	106	10548	0.380	ug/L	85
55) Styrene	10.115	104	16356	0.349	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	8600	0.474	ug/L #	91
59) Bromoform	10.288	173	4221	0.536	ug/L	91
60) Isopropylbenzene	10.484	105	26489	0.441	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	6018	0.550	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	19872	0.414	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	19062	0.400	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	16086	0.525	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	15611	0.511	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	15337	0.519	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	1516	0.633	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.221	180	11749	0.540	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	8589	0.519	ug/L	94
71) Naphthalene	14.089	128	17340	0.558	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	8281	0.508	ug/L	90

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

