

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046524.D
 Acq On : 21 Dec 2021 13:05
 Operator : SY/MD
 Sample : VSTD00542
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005042

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/24/2021
 Supervised By :Mahesh Dadoda 12/28/2021

Quant Time: Dec 21 13:56:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 13:53:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	92724	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	87483	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	44082	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	38193	5.236	ug/L	0.00
7) Chloroethane-d5	1.909	69	29175	5.497	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	15744	5.209	ug/L	0.00
20) 2-Butanone-d5	4.652	46	104190	53.238	ug/L	0.00
24) Chloroform-d	5.063	84	69155	5.590	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	38938	5.402	ug/L	0.00
32) Benzene-d6	5.726	84	130681	5.425	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	39154	5.196	ug/L	0.00
41) Toluene-d8	7.899	98	118933	5.447	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	17664	5.644	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	106126	70.541	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37828	5.792	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	41989	5.491	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.375	85	73559	8.275	ug/L	99
3) Chloromethane	1.517	50	63760	7.195	ug/L	99
5) Vinyl chloride	1.597	62	63237	7.162	ug/L	99
6) Bromomethane	1.855	94	37020	7.054	ug/L	98
8) Chloroethane	1.929	64	37090	7.313	ug/L	100
9) Trichlorofluoromethane	2.134	101	80203	7.052	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	41499	6.440	ug/L	97
12) 1,1-Dichloroethene	2.575	96	41876	6.756	ug/L	84
13) Acetone	2.684	43	98243m	76.824	ug/L	
14) Carbon disulfide	2.790	76	137408	6.909	ug/L	99
15) Methyl Acetate	2.961	43	22755	7.224	ug/L	99
16) Methylene chloride	3.044	84	49324	5.490	ug/L	95
17) Methyl tert-butyl Ether	3.359	73	128779	7.645	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	45667	6.808	ug/L	94
19) 1,1-Dichloroethane	3.864	63	84668	6.778	ug/L	99
21) 2-Butanone	4.729	43	159142	73.645	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	49772	6.863	ug/L	99
23) Bromochloromethane	4.973	128	24886	7.630	ug/L	92
25) Chloroform	5.086	83	90514	6.689	ug/L	99
27) 1,2-Dichloroethane	5.793	62	65161	7.316	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	78540	7.368	ug/L	98
30) Cyclohexane	5.388	56	65405	6.490	ug/L	95
31) Carbon tetrachloride	5.523	117	64916	7.297	ug/L	99
33) Benzene	5.774	78	189275	7.052	ug/L	100
34) Trichloroethene	6.543	95	48647	6.985	ug/L	98
35) Methylcyclohexane	6.764	83	70788	6.755	ug/L	97
37) 1,2-Dichloropropane	6.790	63	49689	7.046	ug/L	99
38) Bromodichloromethane	7.105	83	65565	7.384	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	73084	7.198	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	371028	77.680	ug/L	97
42) Toluene	7.970	91	196238	7.119	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	67703	7.552	ug/L	99

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45) 1,1,2-Trichloroethane	8.401	97	41556	7.654	ug/L	96
47) Tetrachloroethene	8.555	164	33766	6.991	ug/L	96
48) 2-Hexanone	8.687	43	272061	79.107	ug/L	97
49) Dibromochloromethane	8.813	129	47119	7.629	ug/L	99
50) 1,2-Dibromoethane	8.925	107	39763	7.772	ug/L	97
51) Chlorobenzene	9.449	112	119032	6.903	ug/L	98
52) Ethylbenzene	9.571	91	197632	6.886	ug/L	99
53) m,p-Xylene	9.697	106	76684	7.006	ug/L	93
54) o-Xylene	10.102	106	75435	7.090	ug/L	95
55) Styrene	10.118	104	131565	7.318	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	52403	7.567	ug/L	95
59) Bromoform	10.292	173	28408	8.257	ug/L	98
60) Isopropylbenzene	10.488	105	193308	6.906	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	39807	7.621	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	162183	7.031	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	164997	7.131	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	89782	6.841	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	90443	6.784	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	89110	7.037	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	9246	8.248	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	67062	6.800	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	56450	6.771	ug/L	100
71) Naphthalene	14.089	128	132387	7.449	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	56978	6.836	ug/L	99

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

