

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110321\
 Data File : VU045518.D
 Acq On : 03 Nov 2021 12:50
 Operator : SY/MD
 Sample : VSTD0.528
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5028

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Mahesh Dadoda 11/11/2021

Quant Time: Nov 09 07:06:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 07:04:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	168128	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	161954	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	77763	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	6276	0.588	ug/L	0.00
7) Chloroethane-d5	1.919	69	4201	0.426	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	2577	0.508	ug/L	0.00
20) 2-Butanone-d5	4.652	46	17339	4.493	ug/L	0.01
24) Chloroform-d	5.067	84	10124	0.478	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	5621	0.456	ug/L	0.00
32) Benzene-d6	5.732	84	21335	0.501	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	7241	0.522	ug/L	0.00
41) Toluene-d8	7.903	98	19407	0.521	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	2638	0.524	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	13473	4.246	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	6001	0.492	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	6728	0.510	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	7066	0.520	ug/L	95
3) Chloromethane	1.520	50	9226	0.567	ug/L	99
5) Vinyl chloride	1.607	62	8353	0.512	ug/L	97
6) Bromomethane	1.864	94	3764	0.452	ug/L	98
8) Chloroethane	1.938	64	3652	0.372	ug/L	95
9) Trichlorofluoromethane	2.144	101	6632	0.383	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	5148	0.458	ug/L	96
12) 1,1-Dichloroethene	2.584	96	5174	0.483	ug/L	92
13) Acetone	2.665	43	11064m	4.229	ug/L	
14) Carbon disulfide	2.800	76	19154	0.547	ug/L	100
15) Methyl Acetate	2.964	43	2745	0.538	ug/L	90
16) Methylene chloride	3.051	84	6234	0.382	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	14399	0.482	ug/L	95
18) trans-1,2-Dichloroethene	3.359	96	5812	0.504	ug/L	98
19) 1,1-Dichloroethane	3.877	63	10175	0.448	ug/L	96
21) 2-Butanone	4.729	43	14378	3.444	ug/L	93
22) cis-1,2-Dichloroethene	4.671	96	5772	0.481	ug/L	86
23) Bromochloromethane	4.980	128	2565	0.486	ug/L	88
25) Chloroform	5.092	83	9681	0.414	ug/L	98
27) 1,2-Dichloroethane	5.797	62	5969	0.382	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	7400	0.428	ug/L	96
30) Cyclohexane	5.395	56	9520	0.469	ug/L	100
31) Carbon tetrachloride	5.530	117	6384	0.469	ug/L	95
33) Benzene	5.780	78	22922	0.478	ug/L	100
34) Trichloroethene	6.546	95	6323	0.542	ug/L	92
35) Methylcyclohexane	6.768	83	9563	0.485	ug/L	98
37) 1,2-Dichloropropane	6.796	63	5810	0.455	ug/L #	95
38) Bromodichloromethane	7.112	83	6785	0.444	ug/L #	95
39) cis-1,3-Dichloropropene	7.610	75	8235	0.452	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	37573	3.879	ug/L	98
42) Toluene	7.973	91	23693	0.474	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	6989	0.451	ug/L	94

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45) 1,1,2-Trichloroethane	8.404	97	4114	0.451	ug/L	90
47) Tetrachloroethene	8.555	164	4196	0.508	ug/L	95
48) 2-Hexanone	8.687	43	23556	3.271	ug/L	96
49) Dibromochloromethane	8.816	129	4201	0.442	ug/L	97
50) 1,2-Dibromoethane	8.928	107	3885	0.456	ug/L #	92
51) Chlorobenzene	9.452	112	15016	0.486	ug/L	97
52) Ethylbenzene	9.575	91	24778	0.461	ug/L	99
53) m,p-Xylene	9.697	106	9406	0.460	ug/L	94
54) o-Xylene	10.102	106	9067	0.463	ug/L	94
55) Styrene	10.118	104	14055	0.416	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.787	83	5504	0.453	ug/L #	96
59) Bromoform	10.295	173	2295	0.488	ug/L #	93
60) Isopropylbenzene	10.488	105	23848	0.498	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	4343	0.516	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	18796	0.462	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	18486	0.447	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	11362	0.504	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	11700	0.506	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	10919	0.511	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	865	0.465	ug/L	93
69) 1,3,5-Trichlorobenzene	13.224	180	8063	0.469	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	7343	0.502	ug/L	100
71) Naphthalene	14.089	128	14605	0.492	ug/L	97
72) 1,2,3-Trichlorobenzene	14.333	180	6861	0.508	ug/L	94

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

