

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043908.D
 Acq On : 24 May 2021 14:10
 Operator : SY/MD
 Sample : VSTD00132
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001132

Manual Integrations
 APPROVED

MMDadoda
 5/26/2021 12:00:50 PM

Quant Time: May 25 03:41:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 03:40:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	204388	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	213376	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	106341	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	10772	0.76	ug/L	0.00
7) Chloroethane-d5	1.913	69	8364	0.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	5704	0.93	ug/L	0.00
20) 2-Butanone-d5	4.691	46	30954m	10.21	ug/L	0.03
24) Chloroform-d	5.073	84	25586	1.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	13106	1.03	ug/L	0.00
32) Benzene-d6	5.736	84	48065	0.89	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	15790	0.92	ug/L	0.00
41) Toluene-d8	7.906	98	41478	0.82	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.186	79	5955	0.93	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	21801	7.58	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	14621	1.01	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	17837	0.99	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	13455	0.92	ug/L	100
3) Chloromethane	1.523	50	15344	0.91	ug/L	99
5) Vinyl chloride	1.601	62	13101	0.80	ug/L	100
6) Bromomethane	1.858	94	8198	0.83	ug/L	94
8) Chloroethane	1.935	64	7888	0.86	ug/L	99
9) Trichlorofluoromethane	2.138	101	18451	0.94	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	13876	1.01	ug/L	99
12) 1,1-Dichloroethene	2.581	96	13626	1.00	ug/L	94
13) Acetone	2.742	43	21110m	11.22	ug/L	
14) Carbon disulfide	2.797	76	41029	0.92	ug/L	99
15) Methyl Acetate	2.983	43	4659	0.84	ug/L	96
16) Methylene chloride	3.054	84	19985	1.01	ug/L	99
17) Methyl tert-butyl Ether	3.379	73	25102	0.83	ug/L #	91
18) trans-1,2-Dichloroethene	3.356	96	13642	0.97	ug/L	95
19) 1,1-Dichloroethane	3.877	63	23604	0.93	ug/L	94
21) 2-Butanone	4.771	43	32095	8.96	ug/L	90
22) cis-1,2-Dichloroethene	4.678	96	13354	0.90	ug/L	99
23) Bromochloromethane	4.983	128	7182	1.01	ug/L	94
25) Chloroform	5.096	83	25196	0.99	ug/L	99
27) 1,2-Dichloroethane	5.803	62	14813	0.95	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	20295	0.92	ug/L	99
30) Cyclohexane	5.395	56	15643	0.66	ug/L	99
31) Carbon tetrachloride	5.530	117	17674	0.95	ug/L	95
33) Benzene	5.781	78	50408	0.83	ug/L	100
34) Trichloroethene	6.549	95	13526	0.87	ug/L	98
35) Methylcyclohexane	6.768	83	16850	0.71	ug/L	96
37) 1,2-Dichloropropane	6.800	63	14099	0.89	ug/L #	97
38) Bromodichloromethane	7.115	83	16598	0.89	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	16709	0.80	ug/L	100
40) 4-Methyl-2-pentanone	7.806	43	69479	6.99	ug/L	97
42) Toluene	7.977	91	50562	0.79	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	14122	0.78	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.407	97	10600	0.92	ug/L	96
47) Tetrachloroethene	8.559	164	11474	0.90	ug/L	97
48) 2-Hexanone	8.700	43	51572	6.96	ug/L	97
49) Dibromochloromethane	8.816	129	12229	0.94	ug/L	98
50) 1,2-Dibromoethane	8.932	107	9939	0.91	ug/L	94
51) Chlorobenzene	9.452	112	36343	0.91	ug/L	98
52) Ethylbenzene	9.578	91	47230	0.73	ug/L	99
53) m,p-Xylene	9.700	106	18056	0.72	ug/L	98
54) o-Xylene	10.108	106	17011	0.72	ug/L	96
55) Styrene	10.121	104	27647	0.69	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	13076	0.89	ug/L	93
59) Bromoform	10.298	173	7530	1.05	ug/L	97
60) Isopropylbenzene	10.491	105	42608	0.75	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	9879	0.99	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	31095	0.68	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	30715	0.66	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	26827	0.90	ug/L	96
65) 1,4-Dichlorobenzene	11.841	146	27331	0.91	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	26204	0.91	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.002	75	1739	0.85	ug/L	87
69) 1,3,5-Trichlorobenzene	13.224	180	21068	0.89	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	15101	0.78	ug/L	99
71) Naphthalene	14.092	128	21037	0.63	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	14210	0.77	ug/L	97

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

