

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056722.D
 Acq On : 11 Dec 2023 10:40
 Operator : MD/SY
 Sample : VSTD001006
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001006

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
 Supervised By :Semsettin Yesilyurt 12/12/2023

Quant Time: Dec 12 00:38:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 00:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	247302	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	251270	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	116490	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21768	1.027	ug/L	0.00
7) Chloroethane-d5	1.911	69	17355	1.094	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	9022	0.995	ug/L	0.00
20) 2-Butanone-d5	4.634	46	38181	9.121	ug/L	0.02
24) Chloroform-d	5.062	84	41453	1.033	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	19557	1.030	ug/L	0.00
32) Benzene-d6	5.724	84	77758	0.998	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	25708	1.054	ug/L	0.00
41) Toluene-d8	7.897	98	68784	0.987	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.184	79	9030	0.955	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	29656m	8.390	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	17310	0.981	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	23032	1.006	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	26197	1.011	ug/L	96
3) Chloromethane	1.518	50	26682	1.047	ug/L	97
5) Vinyl chloride	1.602	62	25742	1.017	ug/L	89
6) Bromomethane	1.856	94	16053	1.076	ug/L	99
8) Chloroethane	1.933	64	15682	1.058	ug/L	94
9) Trichlorofluoromethane	2.139	101	36114	1.013	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	23117	1.057	ug/L	96
12) 1,1-Dichloroethene	2.576	96	20649	1.028	ug/L	90
13) Acetone	2.631	43	25250	9.897	ug/L	97
14) Carbon disulfide	2.792	76	71357	1.024	ug/L	98
15) Methyl Acetate	2.962	43	6798	0.978	ug/L	91
16) Methylene chloride	3.042	84	22069	1.009	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	42835	0.962	ug/L	# 96
18) trans-1,2-Dichloroethene	3.354	96	20927	1.028	ug/L	97
19) 1,1-Dichloroethane	3.865	63	40996	1.047	ug/L	99
21) 2-Butanone	4.711	43	41983m	10.227	ug/L	
22) cis-1,2-Dichloroethene	4.663	96	22607	1.021	ug/L	97
23) Bromochloromethane	4.972	128	9478	1.022	ug/L	97
25) Chloroform	5.084	83	41254	1.006	ug/L	99
27) 1,2-Dichloroethane	5.791	62	24610	1.014	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	36431	1.003	ug/L	97
30) Cyclohexane	5.383	56	32107	0.942	ug/L	98
31) Carbon tetrachloride	5.525	117	31635	1.002	ug/L	100
33) Benzene	5.772	78	89094	1.009	ug/L	100
34) Trichloroethene	6.537	95	24088	0.994	ug/L	98
35) Methylcyclohexane	6.756	83	32412	0.907	ug/L	98
37) 1,2-Dichloropropane	6.788	63	21762	0.963	ug/L	99
38) Bromodichloromethane	7.100	83	29161	1.012	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	30536	0.927	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	96879	9.032	ug/L	97
42) Toluene	7.968	91	89368	0.978	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	25668	0.951	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.399	97	15526	1.017	ug/L	97
47) Tetrachloroethene	8.550	164	17164	1.012	ug/L	91
48) 2-Hexanone	8.685	43	65268	8.543	ug/L	97
49) Dibromochloromethane	8.804	129	17738	1.010	ug/L	96
50) 1,2-Dibromoethane	8.920	107	13954	0.985	ug/L	94
51) Chlorobenzene	9.444	112	57559	0.988	ug/L	95
52) Ethylbenzene	9.569	91	94012	0.933	ug/L	99
53) m,p-Xylene	9.692	106	34305	0.914	ug/L	95
54) o-Xylene	10.097	106	33519	0.937	ug/L	93
55) Styrene	10.116	104	48226	0.821	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	17306	0.938	ug/L	95
59) Bromoform	10.290	173	9682	1.018	ug/L	96
60) Isopropylbenzene	10.479	105	86076	0.935	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	12719	1.017	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	67337	0.895	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	65750	0.880	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	42765	0.982	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	42879	1.000	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	40306	1.016	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.994	75	2590	1.037	ug/L	85
69) 1,3,5-Trichlorobenzene	13.216	180	31110	0.946	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	23637	0.907	ug/L	99
71) Naphthalene	14.087	128	29451	0.773	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	19086	0.863	ug/L	99

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

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