

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054915.D
 Acq On : 28 Aug 2023 09:44
 Operator : MD/SY
 Sample : VSTD00144
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001044

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/31/2023
 Supervised By : Mahesh Dadoda 08/31/2023

Quant Time: Aug 29 02:48:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 02:45:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	197184	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	188470	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	100185	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	6197	0.469	ug/L	0.00
7) Chloroethane-d5	1.911	69	7791	0.676	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	3451	0.615	ug/L	0.00
20) 2-Butanone-d5	4.647	46	32060	9.548	ug/L	0.02
24) Chloroform-d	5.065	84	23304	0.902	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	11950	0.878	ug/L	0.00
32) Benzene-d6	5.727	84	40160	0.829	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	13996	0.893	ug/L	0.00
41) Toluene-d8	7.897	98	38302	0.845	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.184	79	4412	0.723	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	21512	9.000	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	11640	0.912	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	15395	0.895	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	10995	0.738	ug/L	98
3) Chloromethane	1.518	50	12548	0.764	ug/L	96
5) Vinyl chloride	1.602	62	12852	0.797	ug/L	98
6) Bromomethane	1.856	94	7496	0.761	ug/L	94
8) Chloroethane	1.933	64	7979	0.849	ug/L	90
9) Trichlorofluoromethane	2.136	101	17942	0.841	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	9573	0.882	ug/L	95
12) 1,1-Dichloroethene	2.576	96	8196	0.821	ug/L	93
13) Acetone	2.644	43	18756	10.673	ug/L	98
14) Carbon disulfide	2.792	76	23384	0.721	ug/L	99
15) Methyl Acetate	2.965	43	3402	0.795	ug/L #	84
16) Methylene chloride	3.042	84	15090	1.022	ug/L	97
17) Methyl tert-butyl Ether	3.364	73	25361	1.041	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	8920	0.860	ug/L	91
19) 1,1-Dichloroethane	3.869	63	19293	0.944	ug/L	97
21) 2-Butanone	4.734	43	26030	9.766	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	10275	0.884	ug/L	94
23) Bromochloromethane	4.972	128	4659	0.922	ug/L	86
25) Chloroform	5.087	83	21605	1.000	ug/L	94
27) 1,2-Dichloroethane	5.798	62	13977	1.018	ug/L	98
29) 1,1,1-Trichloroethane	5.316	97	17738	0.964	ug/L	97
30) Cyclohexane	5.386	56	14959	0.908	ug/L	95
31) Carbon tetrachloride	5.521	117	14782	0.903	ug/L	99
33) Benzene	5.772	78	41468	0.960	ug/L	100
34) Trichloroethene	6.544	95	12024	0.990	ug/L	98
35) Methylcyclohexane	6.762	83	17152	1.004	ug/L	95
37) 1,2-Dichloropropane	6.791	63	11558	1.007	ug/L #	97
38) Bromodichloromethane	7.103	83	15082	1.031	ug/L	86
39) cis-1,3-Dichloropropene	7.608	75	15947	0.933	ug/L	100
40) 4-Methyl-2-pentanone	7.795	43	66721	10.475	ug/L	99
42) Toluene	7.968	91	44632	0.970	ug/L	100
44) trans-1,3-Dichloropropene	8.213	75	12781	0.879	ug/L	94

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

45) 1,1,2-Trichloroethane	8.402	97	8031	0.977	ug/L	96
47) Tetrachloroethene	8.553	164	8119	0.853	ug/L	94
48) 2-Hexanone	8.688	43	47601	10.400	ug/L	94
49) Dibromochloromethane	8.807	129	9411	1.011	ug/L	83
50) 1,2-Dibromoethane	8.923	107	7518	0.971	ug/L #	98
51) Chlorobenzene	9.447	112	29241	0.987	ug/L	93
52) Ethylbenzene	9.569	91	50437	1.005	ug/L	98
53) m,p-Xylene	9.695	106	18096	0.951	ug/L	98
54) o-Xylene	10.100	106	17350	0.975	ug/L	98
55) Styrene	10.119	104	27478	0.916	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.782	83	9792	0.991	ug/L	91
59) Bromoform	10.293	173	4863	0.857	ug/L #	97
60) Isopropylbenzene	10.483	105	47778	0.984	ug/L	98
61) 1,2,3-Trichloropropane	10.820	75	7399	1.007	ug/L	97
62) 1,3,5-Trimethylbenzene	11.087	105	40394	0.991	ug/L	99
63) 1,2,4-Trimethylbenzene	11.470	105	35188	0.910	ug/L	93
64) 1,3-Dichlorobenzene	11.746	146	23583	0.982	ug/L	95
65) 1,4-Dichlorobenzene	11.836	146	23014	0.965	ug/L	98
67) 1,2-Dichlorobenzene	12.212	146	20985	0.950	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.997	75	1616	0.923	ug/L	90
69) 1,3,5-Trichlorobenzene	13.219	180	14802m	0.845	ug/L	
70) 1,2,4-trichlorobenzene	13.839	180	11771	0.842	ug/L	98
71) Naphthalene	14.090	128	17337	0.794	ug/L	98
72) 1,2,3-Trichlorobenzene	14.331	180	9387	0.763	ug/L	99

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

Manual Integrations

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