

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054914.D
 Acq On : 28 Aug 2023 09:19
 Operator : MD/SY
 Sample : VSTD0.543
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5043

Quant Time: Aug 29 02:47:27 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	207275	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	192158	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	97985	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	2992	0.215	ug/L	0.00
7) Chloroethane-d5	1.911	69	3911	0.323	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.567	65	1759	0.298	ug/L	0.00
20) 2-Butanone-d5	4.657	46	16178m	4.584	ug/L	0.03
24) Chloroform-d	5.062	84	10129	0.373	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.705	65	5759	0.403	ug/L	0.00
32) Benzene-d6	5.727	84	19727	0.399	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	7133	0.446	ug/L	0.00
41) Toluene-d8	7.901	98	18305	0.396	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.187	79	2088	0.336	ug/L	0.00
46) 2-Hexanone-d5	8.640	63	9361	3.841	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	6338	0.487	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.196	152	7359	0.438	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	6013	0.384	ug/L	95
3) Chloromethane	1.518	50	6309	0.366	ug/L	96
5) Vinyl chloride	1.602	62	6002	0.354	ug/L	95
6) Bromomethane	1.856	94	3734	0.360	ug/L	99
8) Chloroethane	1.930	64	4348	0.440	ug/L	99
9) Trichlorofluoromethane	2.136	101	8736	0.390	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	5009	0.439	ug/L	94
12) 1,1-Dichloroethene	2.576	96	4381	0.417	ug/L	86
13) Acetone	2.637	43	9991	5.409	ug/L	89
14) Carbon disulfide	2.795	76	11609	0.340	ug/L	97
15) Methyl Acetate	2.962	43	1730m	0.385	ug/L	
16) Methylene chloride	3.042	84	10469	0.674	ug/L	97
17) Methyl tert-butyl Ether	3.364	73	11853	0.463	ug/L #	95
18) trans-1,2-Dichloroethene	3.351	96	4966	0.456	ug/L #	61
19) 1,1-Dichloroethane	3.875	63	9478	0.441	ug/L #	77
21) 2-Butanone	4.737	43	13716m	4.895	ug/L	
22) cis-1,2-Dichloroethene	4.673	96	5167	0.423	ug/L	88
23) Bromochloromethane	4.978	128	2428	0.457	ug/L #	71
25) Chloroform	5.091	83	10875	0.479	ug/L	97
27) 1,2-Dichloroethane	5.798	62	6153	0.426	ug/L #	95
29) 1,1,1-Trichloroethane	5.319	97	8947	0.477	ug/L	97
30) Cyclohexane	5.380	56	7426	0.442	ug/L	97
31) Carbon tetrachloride	5.521	117	7633	0.457	ug/L	98
33) Benzene	5.775	78	20191	0.459	ug/L	100
34) Trichloroethene	6.547	95	5646	0.456	ug/L	95
35) Methylcyclohexane	6.763	83	8349	0.479	ug/L	95
37) 1,2-Dichloropropane	6.795	63	5841	0.499	ug/L #	93
38) Bromodichloromethane	7.107	83	6992	0.469	ug/L	94
39) cis-1,3-Dichloropropene	7.615	75	7567	0.434	ug/L	91
40) 4-Methyl-2-pentanone	7.795	43	29485	4.540	ug/L	96
42) Toluene	7.972	91	22349	0.476	ug/L	91
44) trans-1,3-Dichloropropene	8.216	75	6325	0.427	ug/L	91

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

45) 1,1,2-Trichloroethane	8.402	97	3429	0.409	ug/L	81
47) Tetrachloroethene	8.553	164	3980	0.410	ug/L	88
48) 2-Hexanone	8.692	43	21726	4.656	ug/L	91
49) Dibromochloromethane	8.811	129	4278	0.451	ug/L	91
50) 1,2-Dibromoethane	8.926	107	3622	0.459	ug/L #	97
51) Chlorobenzene	9.447	112	14837	0.491	ug/L	97
52) Ethylbenzene	9.573	91	24074	0.470	ug/L	98
53) m,p-Xylene	9.695	106	9119	0.470	ug/L	91
54) o-Xylene	10.100	106	8448	0.465	ug/L	99
55) Styrene	10.119	104	13224	0.432	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.782	83	4577	0.454	ug/L #	81
59) Bromoform	10.290	173	1854	0.334	ug/L #	90
60) Isopropylbenzene	10.486	105	23578	0.497	ug/L	97
61) 1,2,3-Trichloropropane	10.824	75	3541	0.493	ug/L	93
62) 1,3,5-Trimethylbenzene	11.090	105	19324	0.485	ug/L	98
63) 1,2,4-Trimethylbenzene	11.470	105	16531	0.437	ug/L	97
64) 1,3-Dichlorobenzene	11.750	146	10974	0.467	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	11276	0.483	ug/L	97
67) 1,2-Dichlorobenzene	12.216	146	9704	0.449	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.000	75	368m	0.215	ug/L	
69) 1,3,5-Trichlorobenzene	13.222	180	6185	0.361	ug/L	93
70) 1,2,4-trichlorobenzene	13.849	180	4634	0.339	ug/L	96

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

