

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057565.D
 Acq On : 23 Jan 2024 11:11
 Operator : MD/SY
 Sample : VSTD0.529
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5029

Quant Time: Jan 24 00:27:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:26:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024
 Supervised By :Semsettin Yesilyurt 01/30/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	71111	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	64719	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	29226	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	1628	0.249	ug/L	0.00
7) Chloroethane-d5	1.914	69	1561	0.306	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.566	65	773	0.275	ug/L	0.00
20) 2-Butanone-d5	4.673	46	2492m	2.000	ug/L	0.03
24) Chloroform-d	5.062	84	3295	0.285	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.708	65	1341	0.242	ug/L	0.00
32) Benzene-d6	5.727	84	6340	0.300	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	1972	0.299	ug/L	0.00
41) Toluene-d8	7.901	98	6014	0.335	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.187	79	708	0.304	ug/L	0.00
46) 2-Hexanone-d5	8.643	63	2155	2.605	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.753	84	1191	0.258	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	1741	0.314	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	3025	0.616	ug/L	95
3) Chloromethane	1.518	50	3234	0.528	ug/L	99
5) Vinyl chloride	1.605	62	3191	0.576	ug/L	96
6) Bromomethane	1.856	94	1655	0.528	ug/L	95
8) Chloroethane	1.933	64	1977	0.578	ug/L	91
9) Trichlorofluoromethane	2.139	101	4885	0.633	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	2741	0.572	ug/L	98
12) 1,1-Dichloroethene	2.579	96	2579	0.593	ug/L	99
13) Acetone	2.669	43	4017	4.980	ug/L	84
14) Carbon disulfide	2.792	76	8565	0.681	ug/L	97
15) Methyl Acetate	2.965	43	972m	0.532	ug/L	
16) Methylene chloride	3.046	84	2903	0.513	ug/L	95
17) Methyl tert-butyl Ether	3.357	73	5645	0.529	ug/L #	90
18) trans-1,2-Dichloroethene	3.354	96	2713	0.624	ug/L	99
19) 1,1-Dichloroethane	3.865	63	4871	0.519	ug/L	97
21) 2-Butanone	4.740	43	5514m	4.856	ug/L	
22) cis-1,2-Dichloroethene	4.666	96	2739	0.549	ug/L	100
23) Bromochloromethane	4.975	128	1036	0.486	ug/L	96
25) Chloroform	5.087	83	5349	0.546	ug/L	89
27) 1,2-Dichloroethane	5.795	62	2835	0.482	ug/L #	76
29) 1,1,1-Trichloroethane	5.312	97	4846	0.607	ug/L	93
30) Cyclohexane	5.386	56	4613	0.682	ug/L	99
31) Carbon tetrachloride	5.525	117	4029	0.597	ug/L	95
33) Benzene	5.772	78	11122	0.587	ug/L	100
34) Trichloroethene	6.544	95	3086	0.614	ug/L	92
35) Methylcyclohexane	6.759	83	4883	0.693	ug/L	97
37) 1,2-Dichloropropane	6.788	63	2696	0.511	ug/L #	89
38) Bromodichloromethane	7.103	83	3744	0.578	ug/L	91
39) cis-1,3-Dichloropropene	7.611	75	4105	0.568	ug/L	94
40) 4-Methyl-2-pentanone	7.795	43	12676	4.958	ug/L	97
42) Toluene	7.968	91	11560	0.610	ug/L	96
44) trans-1,3-Dichloropropene	8.213	75	3104	0.530	ug/L	92

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

45) 1,1,2-Trichloroethane	8.399	97	1759	0.520	ug/L	91
47) Tetrachloroethene	8.550	164	2223	0.645	ug/L	91
48) 2-Hexanone	8.692	43	9193	4.947	ug/L #	95
49) Dibromochloromethane	8.807	129	2206	0.575	ug/L	97
50) 1,2-Dibromoethane	8.926	107	1664	0.569	ug/L #	98
51) Chlorobenzene	9.447	112	7150	0.571	ug/L	98
52) Ethylbenzene	9.569	91	12895	0.618	ug/L	96
53) m,p-Xylene	9.692	106	4776	0.638	ug/L	100
54) o-Xylene	10.097	106	4563	0.626	ug/L	96
55) Styrene	10.116	104	6564	0.560	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	2046	0.480	ug/L	97
59) Bromoform	10.290	173	1098	0.529	ug/L #	96
60) Isopropylbenzene	10.479	105	11973	0.648	ug/L	98
61) 1,2,3-Trichloropropane	10.823	75	1519	0.535	ug/L #	84
62) 1,3,5-Trimethylbenzene	11.084	105	10329	0.704	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	10001	0.682	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	5333	0.617	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	5151	0.602	ug/L	99
67) 1,2-Dichlorobenzene	12.212	146	4690	0.589	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.997	75	204	0.384	ug/L #	50
69) 1,3,5-Trichlorobenzene	13.219	180	3533	0.591	ug/L	99
70) 1,2,4-trichlorobenzene	13.843	180	2410	0.586	ug/L	98
71) Naphthalene	14.097	128	3298	0.561	ug/L #	85
72) 1,2,3-Trichlorobenzene	14.328	180	1883	0.558	ug/L	96

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

