

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102324\
 Data File : VU061188.D
 Acq On : 23 Oct 2024 09:34
 Operator : MD/SY
 Sample : VSTD0.530
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5030

Quant Time: Oct 24 01:13:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 24 01:12:37 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
 Supervised By :Semsettin Yesilyurt 10/24/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	198718	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	170692	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76875	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	6722	0.498	ug/L	0.00
7) Chloroethane-d5	1.908	69	5981	0.483	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	2691	0.466	ug/L	0.00
20) 2-Butanone-d5	4.650	46	13380m	4.941	ug/L	0.03
24) Chloroform-d	5.059	84	12858	0.502	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.702	65	6390	0.500	ug/L	0.00
32) Benzene-d6	5.721	84	24913	0.518	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	7404	0.512	ug/L	0.00
41) Toluene-d8	7.898	98	22396	0.498	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	2690	0.456	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	11181	4.625	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.750	84	5207	0.476	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	6785	0.498	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	5894	0.445	ug/L	91
3) Chloromethane	1.515	50	6438	0.461	ug/L	91
5) Vinyl chloride	1.599	62	6870	0.447	ug/L	97
6) Bromomethane	1.853	94	4362	0.429	ug/L	92
8) Chloroethane	1.930	64	4909	0.434	ug/L	92
9) Trichlorofluoromethane	2.133	101	9105	0.436	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	5642	0.455	ug/L	99
12) 1,1-Dichloroethene	2.576	96	5102	0.434	ug/L	96
13) Acetone	2.644	43	8185	4.715	ug/L	95
14) Carbon disulfide	2.789	76	18085	0.461	ug/L	96
15) Methyl Acetate	2.965	43	2041	0.475	ug/L #	85
16) Methylene chloride	3.043	84	6809	0.492	ug/L	92
17) Methyl tert-butyl Ether	3.358	73	13953	0.438	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	5952	0.458	ug/L	95
19) 1,1-Dichloroethane	3.862	63	11499	0.469	ug/L	98
21) 2-Butanone	4.731	43	12337m	4.580	ug/L	
22) cis-1,2-Dichloroethene	4.666	96	6596	0.444	ug/L	99
23) Bromochloromethane	4.972	128	2649	0.424	ug/L #	80
25) Chloroform	5.081	83	11879	0.461	ug/L	96
27) 1,2-Dichloroethane	5.792	62	7443	0.457	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	9912	0.474	ug/L	98
30) Cyclohexane	5.377	56	10275	0.490	ug/L	99
31) Carbon tetrachloride	5.515	117	8667	0.485	ug/L	99
33) Benzene	5.769	78	25054	0.475	ug/L	100
34) Trichloroethene	6.541	95	6898	0.480	ug/L	95
35) Methylcyclohexane	6.756	83	11015	0.482	ug/L	99
37) 1,2-Dichloropropane	6.785	63	6097	0.456	ug/L	98
38) Bromodichloromethane	7.100	83	7901	0.467	ug/L #	93
39) cis-1,3-Dichloropropene	7.605	75	9393	0.454	ug/L	95
40) 4-Methyl-2-pentanone	7.792	43	28399	4.264	ug/L	98
42) Toluene	7.965	91	26646	0.465	ug/L	95
44) trans-1,3-Dichloropropene	8.213	75	7580	0.450	ug/L	98

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45) 1,1,2-Trichloroethane	8.396	97	4178	0.434	ug/L	99
47) Tetrachloroethene	8.547	164	4454	0.444	ug/L	97
48) 2-Hexanone	8.685	43	19638	4.170	ug/L	98
49) Dibromochloromethane	8.804	129	4828	0.442	ug/L	100
50) 1,2-Dibromoethane	8.920	107	4156	0.444	ug/L #	98
51) Chlorobenzene	9.444	112	16074	0.444	ug/L	98
52) Ethylbenzene	9.566	91	28356	0.450	ug/L	96
53) m,p-Xylene	9.692	106	10357	0.431	ug/L	99
54) o-Xylene	10.097	106	10433	0.440	ug/L	93
55) Styrene	10.116	104	16093	0.423	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	5300	0.457	ug/L #	98
59) Bromoform	10.287	173	2352	0.413	ug/L #	95
60) Isopropylbenzene	10.480	105	27336	0.465	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	3598	0.470	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	21123	0.442	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	20777	0.440	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	10847	0.439	ug/L	92
65) 1,4-Dichlorobenzene	11.830	146	11897	0.472	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	10641	0.457	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.997	75	691	0.430	ug/L #	62
69) 1,3,5-Trichlorobenzene	13.219	180	7234	0.427	ug/L	98
70) 1,2,4-trichlorobenzene	13.843	180	5376	0.393	ug/L	98
71) Naphthalene	14.100	128	7600m	0.357	ug/L	
72) 1,2,3-Trichlorobenzene	14.331	180	4204	0.368	ug/L	97

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

