

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121624\
 Data File : VU062373.D
 Acq On : 17 Dec 2024 06:52
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005190

Quant Time: Dec 17 07:28:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 17 01:28:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	97127	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93457	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	48118	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31421	4.796	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.907	69	24994	5.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	2.557	65	15374	4.933	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	4.628	46	61317	48.837	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.680%
24) Chloroform-d	5.052	84	73339	5.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.692	65	37517	5.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	5.718	84	131538	4.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.682	67	37127	4.821	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.888	98	126422	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	8.174	79	16136	4.760	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.624	63	49148	48.056	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.120%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29766	4.967	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	46183	5.208	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	42842	4.709	ug/L	97
3) Chloromethane	1.515	50	31574	4.427	ug/L	99
5) Vinyl chloride	1.599	62	34481	4.644	ug/L	99
6) Bromomethane	1.853	94	19999	4.041	ug/L	96
8) Chloroethane	1.930	64	19764	4.752	ug/L	99
9) Trichlorofluoromethane	2.132	101	65491	5.082	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	33655	4.798	ug/L	91
12) 1,1-Dichloroethene	2.573	96	30400	4.636	ug/L	89
13) Acetone	2.644	43	40354	47.205	ug/L	95
14) Carbon disulfide	2.785	76	88552	4.270	ug/L	99
15) Methyl Acetate	2.956	43	9366	4.371	ug/L	92
16) Methylene chloride	3.036	84	33597	4.880	ug/L	88
17) Methyl tert-butyl Ether	3.354	73	79232	4.850	ug/L	95
18) trans-1,2-Dichloroethene	3.345	96	31648	4.697	ug/L	94
19) 1,1-Dichloroethane	3.859	63	59202	4.794	ug/L	97
21) 2-Butanone	4.708	43	61564	49.589	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	36214	4.795	ug/L	90
23) Bromochloromethane	4.965	128	16939	5.117	ug/L	# 83
25) Chloroform	5.078	83	70435	5.063	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	44136	4.992	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	64697	4.921	ug/L	94
30) Cyclohexane	5.377	56	46015	4.316	ug/L	91
31) Carbon tetrachloride	5.515	117	61804	5.127	ug/L	97
33) Benzene	5.766	78	132846	4.587	ug/L	100
34) Trichloroethene	6.534	95	39031	4.758	ug/L	97
35) Methylcyclohexane	6.753	83	53135	4.368	ug/L	95
37) 1,2-Dichloropropane	6.782	63	32850	4.658	ug/L	100
38) Bromodichloromethane	7.097	83	49014	4.926	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	50059	4.428	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	154119	46.625	ug/L #	92
42) Toluene	7.962	91	148078	4.742	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	41673	4.514	ug/L	94
45) 1,1,2-Trichloroethane	8.389	97	25302	4.752	ug/L	97
47) Tetrachloroethene	8.547	164	30588	4.829	ug/L	94
48) 2-Hexanone	8.676	43	115015	47.082	ug/L #	93
49) Dibromochloromethane	8.801	129	32562	5.062	ug/L	94
50) 1,2-Dibromoethane	8.914	107	24577	4.804	ug/L	100
51) Chlorobenzene	9.438	112	96508	4.823	ug/L	98
52) Ethylbenzene	9.563	91	163538	4.671	ug/L	99
53) m,p-Xylene	9.685	106	62950	4.869	ug/L	100
54) o-Xylene	10.090	106	60240	4.791	ug/L	97
55) Styrene	10.106	104	101407	4.893	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.772	83	29910	4.827	ug/L #	96
59) Bromoform	10.280	173	19689	5.207	ug/L	99
60) Isopropylbenzene	10.476	105	169701	4.882	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	22132	4.974	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	139668	4.748	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	135240	4.692	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	77406	4.848	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	76077	4.732	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	71604	4.853	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5125	5.280	ug/L	84
69) 1,3,5-Trichlorobenzene	13.209	180	56489	4.759	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	42616	4.548	ug/L	96
71) Naphthalene	14.081	128	57726	4.102	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	36923	4.468	ug/L	97

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

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