

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062252.D
 Acq On : 11 Dec 2024 19:49
 Operator : MD/SY
 Sample : P5251-13MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7J41MSD

Quant Time: Dec 12 01:41:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 12 00:24:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	99532	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	92811	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47886	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24164	3.599	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.910	69	20405	4.273	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.560	65	12008	3.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	4.631	46	65180	50.659	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.320%
24) Chloroform-d	5.055	84	65421	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.692	65	33899	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.717	84	113130	4.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.682	67	34001	4.445	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.891	98	106724	4.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.174	79	15562	4.623	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.627	63	50244	49.469	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.940%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29582	4.971	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	40498	4.589	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	42395	4.547	ug/L	99
3) Chloromethane	1.518	50	35043	4.795	ug/L	98
5) Vinyl chloride	1.602	62	36289	4.769	ug/L	98
6) Bromomethane	1.856	94	24802	4.890	ug/L	100
8) Chloroethane	1.930	64	20691	4.855	ug/L	96
9) Trichlorofluoromethane	2.132	101	62691	4.747	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	32692	4.548	ug/L	92
12) 1,1-Dichloroethene	2.573	96	34774	5.174	ug/L	92
13) Acetone	2.650	43	48360	55.203	ug/L	96
14) Carbon disulfide	2.788	76	92835	4.368	ug/L	99
15) Methyl Acetate	2.955	43	10167	4.631	ug/L #	85
16) Methylene chloride	3.039	84	35933	5.094	ug/L	91
17) Methyl tert-butyl Ether	3.357	73	85596	5.113	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	32657	4.730	ug/L	93
19) 1,1-Dichloroethane	3.859	63	61902	4.891	ug/L	98
21) 2-Butanone	4.708	43	69703	54.788	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	38666	4.996	ug/L	94
23) Bromochloromethane	4.968	128	17825	5.254	ug/L #	84
25) Chloroform	5.081	83	71568	5.020	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	46975	5.185	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	64584	4.946	ug/L	94
30) Cyclohexane	5.377	56	45236	4.273	ug/L	93
31) Carbon tetrachloride	5.515	117	56475	4.717	ug/L	100
33) Benzene	5.766	78	138711	4.823	ug/L	100
34) Trichloroethene	6.534	95	55383	6.798	ug/L	97
35) Methylcyclohexane	6.753	83	52002	4.305	ug/L	95
37) 1,2-Dichloropropane	6.782	63	35861	5.120	ug/L	100
38) Bromodichloromethane	7.097	83	51364	5.198	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	54398	4.845	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	175830	53.563	ug/L #	93
42) Toluene	7.962	91	151236	4.876	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	47196	5.148	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	28344	5.360	ug/L	97
47) Tetrachloroethene	8.544	164	30210	4.802	ug/L	92
48) 2-Hexanone	8.675	43	128694	53.048	ug/L #	94
49) Dibromochloromethane	8.801	129	34501	5.400	ug/L	96
50) 1,2-Dibromoethane	8.913	107	27627	5.437	ug/L #	95
51) Chlorobenzene	9.438	112	96429	4.852	ug/L	99
52) Ethylbenzene	9.563	91	163226	4.694	ug/L	100
53) m,p-Xylene	9.685	106	61259	4.772	ug/L	98
54) o-Xylene	10.090	106	60415	4.839	ug/L	99
55) Styrene	10.106	104	103092	5.009	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	32640	5.304	ug/L #	94
59) Bromoform	10.280	173	21051	5.594	ug/L #	99
60) Isopropylbenzene	10.476	105	161369	4.665	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	23633	5.337	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	137861	4.709	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	136321	4.753	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	77187	4.857	ug/L	99
65) 1,4-Dichlorobenzene	11.826	146	77228	4.826	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	72816	4.959	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5704	5.906	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.209	180	56029	4.743	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	44999	4.825	ug/L	99
71) Naphthalene	14.080	128	67417	4.814	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	39910	4.853	ug/L	99

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

