

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102524\
 Data File : VU061232.D
 Acq On : 25 Oct 2024 17:12
 Operator : MD/SY
 Sample : P4533-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCNW3MS

Quant Time: Oct 26 00:34:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 26 00:29:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	196415	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	176463	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53882	4.038	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.907	69	55974	4.576	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.560	65	24145	4.230	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	4.621	46	130407	48.140	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.280%
24) Chloroform-d	5.052	84	120757	4.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.692	65	60750	4.812	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.717	84	240982	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.682	67	72685	4.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.891	98	222420	4.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.174	79	28321	4.641	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.624	63	118363	47.360	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.720%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	55695	4.927	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	73750	4.977	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	63355	4.838	ug/L	98
3) Chloromethane	1.515	50	62900	4.555	ug/L	99
5) Vinyl chloride	1.599	62	70080	4.616	ug/L	98
6) Bromomethane	1.853	94	52273	5.196	ug/L	96
8) Chloroethane	1.927	64	55561	4.971	ug/L	100
9) Trichlorofluoromethane	2.132	101	99026	4.802	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	59261	4.840	ug/L	100
12) 1,1-Dichloroethene	2.573	96	54816	4.720	ug/L	97
13) Acetone	2.637	43	81930	47.751	ug/L	97
14) Carbon disulfide	2.785	76	176870	4.565	ug/L	100
15) Methyl Acetate	2.952	43	20585	4.845	ug/L	99
16) Methylene chloride	3.039	84	67532	4.935	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	163606	5.198	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	62699	4.883	ug/L	97
19) 1,1-Dichloroethane	3.859	63	119526	4.935	ug/L	99
21) 2-Butanone	4.701	43	140267	51.568	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	75558	5.151	ug/L	96
23) Bromochloromethane	4.965	128	32916	5.333	ug/L	95
25) Chloroform	5.078	83	126937	4.985	ug/L	100

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27) 1,2-Dichloroethane	5.785	62	80385	4.995	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	108142	5.004	ug/L	98
30) Cyclohexane	5.377	56	108083	4.987	ug/L	100
31) Carbon tetrachloride	5.515	117	94292	5.100	ug/L	98
33) Benzene	5.766	78	279763	5.126	ug/L	100
34) Trichloroethene	6.534	95	74327	5.007	ug/L	99
35) Methylcyclohexane	6.756	83	114593	4.850	ug/L	98
37) 1,2-Dichloropropane	6.782	63	68462	4.949	ug/L	99
38) Bromodichloromethane	7.097	83	87019	4.971	ug/L	94
39) cis-1,3-Dichloropropene	7.598	75	105894	4.956	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	353912	51.406	ug/L	99
42) Toluene	7.962	91	295041	4.978	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	85679	4.922	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	50725	5.096	ug/L	97
47) Tetrachloroethene	8.544	164	52663	5.079	ug/L	97
48) 2-Hexanone	8.676	43	255056	52.389	ug/L	99
49) Dibromochloromethane	8.801	129	55995	4.959	ug/L	98
50) 1,2-Dibromoethane	8.917	107	48427	5.007	ug/L	99
51) Chlorobenzene	9.438	112	187718	5.011	ug/L	100
52) Ethylbenzene	9.563	91	323547	4.963	ug/L	99
53) m,p-Xylene	9.685	106	121125	4.877	ug/L	96
54) o-Xylene	10.090	106	121454	4.955	ug/L	99
55) Styrene	10.106	104	158858	4.043	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	61059	5.090	ug/L	98
59) Bromoform	10.283	173	30304	4.892	ug/L	98
60) Isopropylbenzene	10.476	105	317929	4.973	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	43273	5.191	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	254617	4.892	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	253705	4.932	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	132799	4.936	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	133587	4.870	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	124962	4.935	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	8459	4.833	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	92088	4.993	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	72847	4.894	ug/L	97
71) Naphthalene	14.080	128	110211	4.692	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	62021	4.981	ug/L	99

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

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