

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110424\
 Data File : VU061419.D
 Acq On : 04 Nov 2024 19:50
 Operator : MD/SY
 Sample : P4690-03MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CF5MS

Quant Time: Nov 05 00:52:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 01 00:44:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	161857	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	153937	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73837	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34640	3.151	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.907	69	43747	4.340	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.560	65	16399	3.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	4.621	46	106179	47.565	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.120%
24) Chloroform-d	5.052	84	93311	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.695	65	45875	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.717	84	179220	4.132	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.682	67	55677	4.270	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.891	98	165961	4.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.174	79	20173	3.790	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.624	63	92842	42.584	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.160%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	45214	4.585	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	56541	4.324	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.383	85	50631	4.692	ug/L	97
3) Chloromethane	1.515	50	49498	4.350	ug/L	98
5) Vinyl chloride	1.599	62	55414	4.429	ug/L	98
6) Bromomethane	1.853	94	49594	5.982	ug/L	97
8) Chloroethane	1.927	64	44007	4.778	ug/L	100
9) Trichlorofluoromethane	2.132	101	85420	5.027	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	48980	4.854	ug/L	96
12) 1,1-Dichloroethene	2.573	96	45173	4.721	ug/L	92
13) Acetone	2.631	43	74606	52.767	ug/L	96
14) Carbon disulfide	2.785	76	128156	4.014	ug/L	100
15) Methyl Acetate	2.952	43	12065	3.446	ug/L	92
16) Methylene chloride	3.036	84	54283	4.814	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	126355	4.872	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	50599	4.782	ug/L	99
19) 1,1-Dichloroethane	3.859	63	98721	4.947	ug/L	98
21) 2-Butanone	4.698	43	125039	55.785	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	61103	5.055	ug/L	99
23) Bromochloromethane	4.965	128	27009	5.311	ug/L	94
25) Chloroform	5.078	83	107336	5.115	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	64576	4.870	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	89417	4.743	ug/L	99
30) Cyclohexane	5.377	56	81786	4.326	ug/L	98
31) Carbon tetrachloride	5.515	117	75350	4.672	ug/L	99
33) Benzene	5.766	78	230150	4.834	ug/L	100
34) Trichloroethene	6.534	95	60032	4.636	ug/L	100
35) Methylcyclohexane	6.756	83	90711	4.401	ug/L	97
37) 1,2-Dichloropropane	6.782	63	59895	4.963	ug/L	99
38) Bromodichloromethane	7.097	83	73348	4.803	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	84112	4.513	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	287299	47.837	ug/L	99
42) Toluene	7.962	91	246841	4.775	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	68211	4.492	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	43953	5.061	ug/L	98
47) Tetrachloroethene	8.544	164	400139	44.240	ug/L	99
48) 2-Hexanone	8.676	43	205417	48.368	ug/L	98
49) Dibromochloromethane	8.801	129	45335	4.603	ug/L	97
50) 1,2-Dibromoethane	8.917	107	40323	4.780	ug/L	99
51) Chlorobenzene	9.441	112	158873	4.862	ug/L	99
52) Ethylbenzene	9.563	91	266543	4.687	ug/L	98
53) m,p-Xylene	9.685	106	103910	4.796	ug/L	95
54) o-Xylene	10.094	106	100754	4.712	ug/L	98
55) Styrene	10.106	104	159816	4.662	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	52827	5.048	ug/L	95
59) Bromoform	10.283	173	24435	4.471	ug/L	100
60) Isopropylbenzene	10.476	105	264614	4.691	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	36048	4.901	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	208653	4.544	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	204980	4.516	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	116536	4.909	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	113614	4.695	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	107079	4.793	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	6474	4.192	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	78993	4.854	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	60517	4.608	ug/L	99
71) Naphthalene	14.081	128	89683	4.328	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	52844	4.810	ug/L	98

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

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