

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061803.D
 Acq On : 18 Nov 2024 10:31
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005146

Quant Time: Nov 19 00:11:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 04:15:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	201309	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	190185	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	94942	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	61674	4.742	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.904	69	55887	5.033	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.560	65	25893	4.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	4.618	46	131134	47.500	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.000%
24) Chloroform-d	5.052	84	127727	4.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.692	65	60568	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.717	84	252900	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.682	67	76098	4.904	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.891	98	238544	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	8.174	79	28664	5.015	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.624	63	101403	44.894	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	61066	4.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	79984	4.730	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.380	85	65623	4.386	ug/L	99
3) Chloromethane	1.515	50	59701	4.398	ug/L	98
5) Vinyl chloride	1.599	62	70140	4.683	ug/L	100
6) Bromomethane	1.853	94	49481	5.536	ug/L	97
8) Chloroethane	1.927	64	45936	4.421	ug/L	99
9) Trichlorofluoromethane	2.132	101	97139	4.411	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	61932	4.758	ug/L	99
12) 1,1-Dichloroethene	2.573	96	54845	4.513	ug/L	96
13) Acetone	2.627	43	109826	63.143	ug/L	98
14) Carbon disulfide	2.785	76	166832	4.274	ug/L	100
15) Methyl Acetate	2.949	43	18997	4.371	ug/L	92
16) Methylene chloride	3.036	84	63552	4.538	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	139966	4.699	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	61854	4.640	ug/L	99
19) 1,1-Dichloroethane	3.856	63	115604	4.757	ug/L	98
21) 2-Butanone	4.695	43	155293	54.668	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	71503	4.757	ug/L	96
23) Bromochloromethane	4.965	128	31667	4.743	ug/L	98
25) Chloroform	5.078	83	124833	4.874	ug/L	99

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Quant Time: Nov 19 00:11:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	76799	4.778	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	100631	4.650	ug/L	99
30) Cyclohexane	5.377	56	98715	4.566	ug/L	98
31) Carbon tetrachloride	5.515	117	87512	4.748	ug/L	100
33) Benzene	5.762	78	274239	4.764	ug/L	100
34) Trichloroethene	6.534	95	72547	4.668	ug/L	95
35) Methylcyclohexane	6.753	83	112632	4.805	ug/L	98
37) 1,2-Dichloropropane	6.782	63	69933	4.789	ug/L	99
38) Bromodichloromethane	7.097	83	82987	4.736	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	98725	4.750	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	346030	49.421	ug/L	99
42) Toluene	7.962	91	301025	4.857	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	78610	4.769	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	51873	4.873	ug/L	99
47) Tetrachloroethene	8.544	164	56034	4.798	ug/L	97
48) 2-Hexanone	8.675	43	277506	55.432	ug/L	97
49) Dibromochloromethane	8.801	129	53250	4.771	ug/L	98
50) 1,2-Dibromoethane	8.917	107	49045	4.884	ug/L	99
51) Chlorobenzene	9.438	112	192802	4.833	ug/L	100
52) Ethylbenzene	9.563	91	323905	4.906	ug/L	99
53) m,p-Xylene	9.685	106	124356	4.923	ug/L	99
54) o-Xylene	10.093	106	119300	4.859	ug/L	100
55) Styrene	10.106	104	193922	4.961	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	63940	4.936	ug/L	99
59) Bromoform	10.283	173	29227	4.651	ug/L	99
60) Isopropylbenzene	10.476	105	315902	4.798	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	42563	4.759	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	252070	4.781	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	250416	4.880	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	144520	4.786	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	144606	4.716	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	135707	4.833	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	7341	4.701	ug/L	88
69) 1,3,5-Trichlorobenzene	13.212	180	105312	4.995	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	83228	5.094	ug/L	99
71) Naphthalene	14.080	128	126121	5.377	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	71402	5.206	ug/L	100

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

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