

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120724\
 Data File : VV038435.D
 Acq On : 06 Dec 2024 12:54
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005326

Quant Time: Dec 06 21:26:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 05:39:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	240137	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	248862	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	135532	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	87124	4.733	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.529	69	67063	4.504	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.050	65	35829	4.523	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	3.822	46	152798	41.498	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.000%
24) Chloroform-d	4.236	84	154476	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	4.937	65	69564	4.340	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	4.950	84	286532	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	5.982	67	85358	4.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.233	98	267858	4.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	7.551	79	32281	4.387	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.024	63	114108	39.893	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.780%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	68952	4.104	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	11.551	152	91272	3.953	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.000%#
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	102657	4.518	ug/L	99
3) Chloromethane	1.211	50	91420	4.673	ug/L	100
5) Vinyl chloride	1.278	62	102569	4.627	ug/L	98
6) Bromomethane	1.484	94	50321	5.822	ug/L	93
8) Chloroethane	1.545	64	64247	4.548	ug/L	99
9) Trichlorofluoromethane	1.709	101	144474	4.579	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	90407	5.021	ug/L	95
12) 1,1-Dichloroethene	2.063	96	80171	4.674	ug/L	90
13) Acetone	2.150	43	147820	54.281	ug/L	99
14) Carbon disulfide	2.233	76	233583	4.228	ug/L	100
15) Methyl Acetate	2.388	43	31995	4.838	ug/L	97
16) Methylene chloride	2.439	84	90551	4.630	ug/L	90
17) Methyl tert-butyl Ether	2.696	73	190218	4.905	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	83826	4.639	ug/L	98
19) 1,1-Dichloroethane	3.101	63	169844	5.178	ug/L	99
21) 2-Butanone	3.899	43	180793	46.257	ug/L	93
22) cis-1,2-Dichloroethene	3.806	96	88925	4.760	ug/L	96
23) Bromochloromethane	4.140	128	43903	4.813	ug/L	97
25) Chloroform	4.265	83	176418	5.028	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	98231	5.145	ug/L	97
29) 1,1,1-Trichloroethane	4.500	97	148897	4.989	ug/L	98
30) Cyclohexane	4.571	56	115523	4.667	ug/L	97
31) Carbon tetrachloride	4.722	117	129605	4.922	ug/L	97
33) Benzene	5.002	78	351667	5.031	ug/L	100
34) Trichloroethene	5.825	95	95393	5.006	ug/L	99
35) Methylcyclohexane	6.040	83	124110	4.604	ug/L	96
37) 1,2-Dichloropropane	6.085	63	91493	5.225	ug/L	99
38) Bromodichloromethane	6.426	83	120839	5.134	ug/L	97
39) cis-1,3-Dichloropropene	6.947	75	123691	5.060	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	504276	55.026	ug/L	97
42) Toluene	7.307	91	383491	5.180	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	106643	5.165	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	71731	5.051	ug/L	99
47) Tetrachloroethene	7.896	164	71533	4.672	ug/L	98
48) 2-Hexanone	8.072	43	369896	55.660	ug/L	98
49) Dibromochloromethane	8.169	129	77431	5.001	ug/L	98
50) 1,2-Dibromoethane	8.275	107	66193	5.028	ug/L	99
51) Chlorobenzene	8.809	112	247370	4.850	ug/L	100
52) Ethylbenzene	8.937	91	382091	4.865	ug/L	98
53) m,p-Xylene	9.066	106	153226	5.170	ug/L	99
54) o-Xylene	9.471	106	141978	4.921	ug/L	91
55) Styrene	9.490	104	256987	5.053	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	85510	5.150	ug/L	98
59) Bromoform	9.661	173	40145	5.090	ug/L	100
60) Isopropylbenzene	9.860	105	382159	4.896	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	59541	5.131	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	285616	4.611	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	289885	4.693	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	201199	4.800	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	203664	4.806	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	185194	4.774	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	12023	4.616	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	134648	4.535	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	108923	4.438	ug/L	97
71) Naphthalene	13.432	128	154220	4.039	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	99682	4.396	ug/L	99

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

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