

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102321\
 Data File : VX024887.D
 Acq On : 23 Oct 2021 11:37
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005687

Quant Time: Oct 25 02:27:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 03:44:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	97764	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	87887	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	42904	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	11648	4.058	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.672	69	12062	4.664	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.313	63	47829	4.470	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.483	46	53896	51.361	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.720%
24) Chloroform-d	5.062	84	59616	4.315	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.964	65	30232	4.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
32) Benzene-d6	5.976	84	90476	4.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	7.318	67	27763	4.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	8.653	98	87054	4.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.952	79	12227	4.077	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	9.391	63	51386	47.614	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.220%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	22317	4.469	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.323	152	29233	4.043	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48575	4.328	ug/L	96
3) Chloromethane	1.288	50	18731	4.779	ug/L	93
5) Vinyl chloride	1.374	62	24837	5.187	ug/L	99
6) Bromomethane	1.618	94	18237	4.882	ug/L	90
8) Chloroethane	1.691	64	15285	5.316	ug/L	98
9) Trichlorofluoromethane	1.892	101	69853	4.898	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	33947	4.539	ug/L	95
12) 1,1-Dichloroethene	2.325	96	27939	4.658	ug/L	83
13) Acetone	2.410	43	43030	54.669	ug/L	94
14) Carbon disulfide	2.514	76	82024	5.014	ug/L	98
15) Methyl Acetate	2.715	43	10068	5.626	ug/L	97
16) Methylene chloride	2.794	84	32305	4.636	ug/L	87
17) Methyl tert-butyl Ether	3.117	73	80775	4.686	ug/L	98
18) trans-1,2-Dichloroethene	3.093	96	31171	4.457	ug/L	87
19) 1,1-Dichloroethane	3.611	63	62404	5.106	ug/L	94
21) 2-Butanone	4.587	43	64898	56.059	ug/L	90
22) cis-1,2-Dichloroethene	4.495	96	33874	4.521	ug/L	88
23) Bromochloromethane	4.904	128	14512	4.286	ug/L #	83
25) Chloroform	5.105	83	73972	4.655	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	45481	4.671	ug/L #	97
29) 1,1,1-Trichloroethane	5.385	97	71923	4.714	ug/L	96
30) Cyclohexane	5.471	56	51156	5.402	ug/L	94
31) Carbon tetrachloride	5.684	117	60534	4.611	ug/L	99
33) Benzene	6.044	78	129775	5.054	ug/L	100
34) Trichloroethene	7.129	95	39168	4.683	ug/L	95
35) Methylcyclohexane	7.385	83	58611	5.014	ug/L	95
37) 1,2-Dichloropropane	7.434	63	31897	5.082	ug/L	100
38) Bromodichloromethane	7.824	83	50591	4.840	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	52798	4.990	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	160071	57.248	ug/L	91
42) Toluene	8.720	91	142104	4.732	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	47468	4.951	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	23159	4.587	ug/L	92
47) Tetrachloroethene	9.275	164	25109	4.298	ug/L	92
48) 2-Hexanone	9.433	43	115569	56.612	ug/L	95
49) Dibromochloromethane	9.525	129	29091	4.410	ug/L	96
50) 1,2-Dibromoethane	9.610	107	22584	4.465	ug/L #	99
51) Chlorobenzene	10.079	112	88463	4.639	ug/L	95
52) Ethylbenzene	10.195	91	172400	4.864	ug/L	99
53) m,p-xylene	10.305	106	60211	4.789	ug/L	99
54) o-xylene	10.646	106	56474	4.608	ug/L	93
55) Styrene	10.659	104	99005	4.813	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	27560	4.730	ug/L	93
59) Bromoform	10.805	173	13789	4.635	ug/L #	98
60) Isopropylbenzene	10.963	105	172357	5.043	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	22134	5.287	ug/L	93
62) 1,3,5-Trimethylbenzene	11.451	105	147034	4.927	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	150713	4.931	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	69315	4.875	ug/L	94
65) 1,4-Dichlorobenzene	12.042	146	68402	4.798	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	61723	4.723	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.945	75	4716	4.627	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.115	180	48294	4.462	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	40520	4.733	ug/L	95
71) Naphthalene	13.780	128	75093	4.869	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	37562	4.879	ug/L	98

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

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