

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102721\
 Data File : VX024963.D
 Acq On : 27 Oct 2021 09:56
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005693

Quant Time: Oct 28 03:04:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 27 02:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	66823	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	61239	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	32188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	11247	5.733	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.600%
7) Chloroethane-d5	1.672	69	8232	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.312	63	38897	5.319	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.400%
20) 2-Butanone-d5	4.483	46	37046	51.650	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.300%
24) Chloroform-d	5.062	84	52957	5.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.200%
26) 1,2-Dichloroethane-d4	5.964	65	26634	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.976	84	83322	5.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.800%
36) 1,2-Dichloropropane-d6	7.312	67	24248	5.327	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	8.653	98	86973	6.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.600%
43) trans-1,3-Dichloroprop...	8.952	79	11893	5.692	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.800%
46) 2-Hexanone-d5	9.390	63	38614	51.349	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.700%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	19140	5.501	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	12.323	152	28874	5.323	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38285	4.990	ug/L	96
3) Chloromethane	1.288	50	9940	3.710	ug/L	99
5) Vinyl chloride	1.374	62	15077	4.607	ug/L	97
6) Bromomethane	1.617	94	11133	4.360	ug/L	84
8) Chloroethane	1.691	64	8755	4.455	ug/L	98
9) Trichlorofluoromethane	1.892	101	50927	5.225	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	26726	5.228	ug/L	96
12) 1,1-Dichloroethene	2.319	96	21508	5.247	ug/L	91
13) Acetone	2.410	43	27406	50.941	ug/L	67
14) Carbon disulfide	2.514	76	54814	4.903	ug/L	99
15) Methyl Acetate	2.721	43	5629	4.602	ug/L	91
16) Methylene chloride	2.788	84	24130	5.066	ug/L	91
17) Methyl tert-butyl Ether	3.117	73	61488	5.219	ug/L	98
18) trans-1,2-Dichloroethene	3.093	96	23850	4.990	ug/L	96
19) 1,1-Dichloroethane	3.617	63	43147	5.165	ug/L	98
21) 2-Butanone	4.586	43	39301	49.667	ug/L	97
22) cis-1,2-Dichloroethene	4.495	96	25533	4.986	ug/L	97
23) Bromochloromethane	4.910	128	12157	5.253	ug/L	88
25) Chloroform	5.099	83	59686	5.496	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	32641	4.904	ug/L #	87
29) 1,1,1-Trichloroethane	5.391	97	58659	5.518	ug/L	99
30) Cyclohexane	5.477	56	32250	4.887	ug/L	93
31) Carbon tetrachloride	5.678	117	52175	5.704	ug/L	98
33) Benzene	6.037	78	96551	5.396	ug/L	100
34) Trichloroethene	7.129	95	30273	5.195	ug/L	90
35) Methylcyclohexane	7.385	83	42792	5.253	ug/L	99
37) 1,2-Dichloropropane	7.434	63	22238	5.085	ug/L #	97
38) Bromodichloromethane	7.824	83	39405	5.410	ug/L	94
39) cis-1,3-Dichloropropene	8.372	75	38412	5.210	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	94373	48.439	ug/L	99
42) Toluene	8.720	91	114440	5.469	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	34499	5.165	ug/L	95
45) 1,1,2-Trichloroethane	9.153	97	18618	5.292	ug/L	90
47) Tetrachloroethene	9.275	164	21021	5.164	ug/L	94
48) 2-Hexanone	9.433	43	69436	48.814	ug/L	99
49) Dibromochloromethane	9.525	129	25256	5.494	ug/L	100
50) 1,2-Dibromoethane	9.610	107	17859	5.067	ug/L #	92
51) Chlorobenzene	10.079	112	71567	5.386	ug/L	96
52) Ethylbenzene	10.195	91	133262	5.396	ug/L	98
53) m,p-xylene	10.305	106	48423	5.528	ug/L	99
54) o-xylene	10.646	106	45554	5.334	ug/L	98
55) Styrene	10.659	104	77847	5.431	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	20512	5.052	ug/L	97
59) Bromoform	10.805	173	12043	5.396	ug/L #	99
60) Isopropylbenzene	10.963	105	135716	5.293	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	15420	4.909	ug/L	96
62) 1,3,5-Trimethylbenzene	11.457	105	120276	5.373	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	121854	5.314	ug/L	97
64) 1,3-Dichlorobenzene	11.975	146	57963	5.434	ug/L	92
65) 1,4-Dichlorobenzene	12.042	146	56508	5.284	ug/L	98
67) 1,2-Dichlorobenzene	12.341	146	51953	5.299	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	3915	5.120	ug/L	89
69) 1,3,5-Trichlorobenzene	13.115	180	41921	5.163	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	32833	5.112	ug/L	93
71) Naphthalene	13.780	128	58398	5.047	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	29927	5.181	ug/L	97

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

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