

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102721\
 Data File : VX024976.D
 Acq On : 27 Oct 2021 15:35
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005694

Quant Time: Oct 28 03:13:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 03:09:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	63936	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	59664	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	32703	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	5580	2.973	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.400%
7) Chloroethane-d5	1.673	69	5798	3.428	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.600%
11) 1,1-Dichloroethene-d2	2.313	63	27627	3.948	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.483	46	31355	45.690	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.380%
24) Chloroform-d	5.068	84	42357	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.958	65	20480	4.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
32) Benzene-d6	5.983	84	57619	4.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	7.312	67	18179	4.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	8.653	98	58459	4.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.952	79	8166	4.011	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	9.391	63	33729	46.037	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.080%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	16034	4.730	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.323	152	23772	4.313	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	35171	4.791	ug/L	97
3) Chloromethane	1.295	50	10011	3.905	ug/L	93
5) Vinyl chloride	1.374	62	13238	4.227	ug/L	92
6) Bromomethane	1.618	94	10283	4.209	ug/L	83
8) Chloroethane	1.691	64	8003	4.256	ug/L	98
9) Trichlorofluoromethane	1.892	101	46852	5.024	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	25252	5.162	ug/L	95
12) 1,1-Dichloroethene	2.325	96	20485	5.223	ug/L	90
13) Acetone	2.416	43	22155	43.040	ug/L	99
14) Carbon disulfide	2.514	76	49497	4.627	ug/L #	93
15) Methyl Acetate	2.715	43	5128	4.382	ug/L	97
16) Methylene chloride	2.794	84	25568	5.611	ug/L	96
17) Methyl tert-butyl Ether	3.123	73	58179	5.161	ug/L	99
18) trans-1,2-Dichloroethene	3.099	96	22924	5.013	ug/L	98
19) 1,1-Dichloroethane	3.611	63	39804	4.980	ug/L	96
21) 2-Butanone	4.581	43	34278	45.275	ug/L	99
22) cis-1,2-Dichloroethene	4.489	96	25716	5.248	ug/L	78
23) Bromochloromethane	4.904	128	11258	5.084	ug/L	85
25) Chloroform	5.105	83	55242	5.316	ug/L	96

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

27) 1,2-Dichloroethane	6.092	62	30931	4.857	ug/L #	94
29) 1,1,1-Trichloroethane	5.385	97	56007	5.407	ug/L	100
30) Cyclohexane	5.477	56	29681	4.617	ug/L	92
31) Carbon tetrachloride	5.690	117	48708	5.466	ug/L	100
33) Benzene	6.050	78	91371	5.242	ug/L	100
34) Trichloroethene	7.129	95	29802	5.249	ug/L	89
35) Methylcyclohexane	7.385	83	41546	5.235	ug/L	95
37) 1,2-Dichloropropane	7.428	63	20380	4.783	ug/L #	95
38) Bromodichloromethane	7.830	83	37578	5.295	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	35795	4.983	ug/L	96
40) 4-Methyl-2-pentanone	8.580	43	87578	46.138	ug/L	99
42) Toluene	8.720	91	109009	5.347	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	31753	4.879	ug/L	96
45) 1,1,2-Trichloroethane	9.153	97	18273	5.331	ug/L	90
47) Tetrachloroethene	9.281	164	21110	5.323	ug/L	85
48) 2-Hexanone	9.433	43	61097	44.086	ug/L	97
49) Dibromochloromethane	9.525	129	24247	5.414	ug/L	96
50) 1,2-Dibromoethane	9.616	107	17407	5.069	ug/L	90
51) Chlorobenzene	10.080	112	71577	5.529	ug/L	94
52) Ethylbenzene	10.195	91	129061	5.364	ug/L	100
53) m,p-xylene	10.305	106	45614	5.345	ug/L	99
54) o-xylene	10.647	106	43101	5.180	ug/L	97
55) Styrene	10.659	104	74752	5.353	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.214	83	19907	5.032	ug/L	94
59) Bromoform	10.805	173	12294	5.422	ug/L	97
60) Isopropylbenzene	10.964	105	132218	5.075	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	15058	4.718	ug/L	93
62) 1,3,5-Trimethylbenzene	11.451	105	116457	5.120	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	118897	5.103	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	55395	5.112	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	55384	5.097	ug/L	97
67) 1,2-Dichlorobenzene	12.341	146	50511	5.070	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.945	75	3519	4.530	ug/L	91
69) 1,3,5-Trichlorobenzene	13.116	180	42230	5.119	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	33414	5.121	ug/L	93
71) Naphthalene	13.780	128	54998	4.678	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	29661	5.054	ug/L	99

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

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