

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110221\
 Data File : VX025047.D
 Acq On : 02 Nov 2021 15:40
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005696

Quant Time: Nov 03 00:55:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 03 00:53:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	79425	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	69950	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	36563	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	12414	5.324	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.400%
7) Chloroethane-d5	1.672	69	10728	5.106	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.313	63	40371	4.645	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.477	46	47826	56.100	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.200%
24) Chloroform-d	5.062	84	49245	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.970	65	26326	4.291	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.976	84	72995	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	7.312	67	23838	4.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	8.653	98	75894	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.958	79	11448	4.797	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	9.384	63	43367	50.487	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.980%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	18746	4.717	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.323	152	26016	4.222	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36803	4.036	ug/L	94
3) Chloromethane	1.294	50	18007	5.655	ug/L	96
5) Vinyl chloride	1.374	62	22298	5.732	ug/L	99
6) Bromomethane	1.618	94	14075	4.637	ug/L	92
8) Chloroethane	1.691	64	12047	5.157	ug/L	92
9) Trichlorofluoromethane	1.892	101	55948	4.829	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	28710	4.725	ug/L	98
12) 1,1-Dichloroethene	2.325	96	21907	4.496	ug/L	75
13) Acetone	2.410	43	36037	56.356	ug/L	92
14) Carbon disulfide	2.514	76	58616	4.411	ug/L	99
15) Methyl Acetate	2.715	43	8769	6.032	ug/L #	82
16) Methylene chloride	2.794	84	25305	4.470	ug/L	78
17) Methyl tert-butyl Ether	3.123	73	64442	4.602	ug/L	96
18) trans-1,2-Dichloroethene	3.099	96	24652	4.339	ug/L	88
19) 1,1-Dichloroethane	3.617	63	52021	5.240	ug/L	95
21) 2-Butanone	4.580	43	58808	62.527	ug/L	81
22) cis-1,2-Dichloroethene	4.495	96	27620	4.537	ug/L	78
23) Bromochloromethane	4.904	128	11928	4.337	ug/L #	85
25) Chloroform	5.099	83	62171	4.816	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	38162	4.824	ug/L	98
29) 1,1,1-Trichloroethane	5.397	97	60023	4.943	ug/L	96
30) Cyclohexane	5.477	56	41122	5.456	ug/L	90
31) Carbon tetrachloride	5.690	117	52000	4.977	ug/L	97
33) Benzene	6.044	78	102217	5.002	ug/L	100
34) Trichloroethene	7.129	95	31649	4.755	ug/L	90
35) Methylcyclohexane	7.385	83	46488	4.996	ug/L	95
37) 1,2-Dichloropropane	7.440	63	27526	5.510	ug/L	98
38) Bromodichloromethane	7.824	83	41192	4.951	ug/L	98
39) cis-1,3-Dichloropropene	8.372	75	42591	5.057	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	144219	64.805	ug/L #	88
42) Toluene	8.720	91	120016	5.021	ug/L	96
44) trans-1,3-Dichloropropene	8.982	75	38406	5.034	ug/L	95
45) 1,1,2-Trichloroethane	9.159	97	19090	4.750	ug/L	96
47) Tetrachloroethene	9.275	164	21831	4.695	ug/L	90
48) 2-Hexanone	9.433	43	102610	63.153	ug/L #	89
49) Dibromochloromethane	9.525	129	26383	5.025	ug/L	100
50) 1,2-Dibromoethane	9.616	107	18673	4.638	ug/L #	97
51) Chlorobenzene	10.079	112	73615	4.851	ug/L	96
52) Ethylbenzene	10.195	91	140737	4.989	ug/L	97
53) m,p-xylene	10.305	106	48068	4.804	ug/L	97
54) o-xylene	10.646	106	45983	4.714	ug/L	98
55) Styrene	10.659	104	81639	4.986	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	22379	4.825	ug/L	99
59) Bromoform	10.805	173	11744	4.632	ug/L #	97
60) Isopropylbenzene	10.963	105	140467	4.822	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	17485	4.900	ug/L	96
62) 1,3,5-Trimethylbenzene	11.457	105	122209	4.806	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	125012	4.799	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	56764	4.685	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	57286	4.716	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	53353	4.790	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.945	75	4021	4.630	ug/L	86
69) 1,3,5-Trichlorobenzene	13.115	180	43717	4.740	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	36154	4.956	ug/L	100
71) Naphthalene	13.780	128	59642	4.538	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	31140	4.746	ug/L	97

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

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