

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102221\
 Data File : VX024885.D
 Acq On : 22 Oct 2021 20:34
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005686

Quant Time: Oct 23 03:57:30 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	80528	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	74291	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	35336	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	15048	6.365	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.400%
7) Chloroethane-d5	1.672	69	13551	6.362	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	127.200%
11) 1,1-Dichloroethene-d2	2.313	63	50506	5.731	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.600%
20) 2-Butanone-d5	4.483	46	58733	67.950	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.900%#
24) Chloroform-d	5.068	84	63604	5.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.800%
26) 1,2-Dichloroethane-d4	5.964	65	33511	5.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.983	84	97034	5.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.200%
36) 1,2-Dichloropropane-d6	7.312	67	31483	5.701	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.000%
41) Toluene-d8	8.653	98	91994	5.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
43) trans-1,3-Dichloroprop...	8.958	79	12744	5.028	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	9.391	63	54296	59.517	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.040%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	23501	5.568	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	12.323	152	29907	5.022	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45225	4.892	ug/L	97
3) Chloromethane	1.288	50	19057	5.903	ug/L	100
5) Vinyl chloride	1.374	62	24803	6.289	ug/L #	76
6) Bromomethane	1.618	94	9543	3.101	ug/L	84
8) Chloroethane	1.691	64	12636	5.336	ug/L	95
9) Trichlorofluoromethane	1.892	101	64824	5.519	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	32040	5.201	ug/L	95
12) 1,1-Dichloroethene	2.319	96	26497	5.363	ug/L #	64
13) Acetone	2.404	43	38393	59.218	ug/L	98
14) Carbon disulfide	2.514	76	75007	5.567	ug/L	99
15) Methyl Acetate	2.721	43	9904	6.719	ug/L	90
16) Methylene chloride	2.794	84	33701	5.872	ug/L	77
17) Methyl tert-butyl Ether	3.123	73	75419	5.312	ug/L	97
18) trans-1,2-Dichloroethene	3.099	96	28893	5.016	ug/L	88
19) 1,1-Dichloroethane	3.611	63	57568	5.719	ug/L	95
21) 2-Butanone	4.580	43	61117	64.092	ug/L	87
22) cis-1,2-Dichloroethene	4.501	96	30959	5.016	ug/L	96
23) Bromochloromethane	4.916	128	12570	4.507	ug/L #	76
25) Chloroform	5.105	83	67976	5.194	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	41725	5.202	ug/L	97
29) 1,1,1-Trichloroethane	5.397	97	66052	5.122	ug/L	95
30) Cyclohexane	5.477	56	47313	5.910	ug/L	92
31) Carbon tetrachloride	5.684	117	53736	4.843	ug/L	98
33) Benzene	6.044	78	120400	5.547	ug/L	100
34) Trichloroethene	7.129	95	36015	5.095	ug/L	97
35) Methylcyclohexane	7.385	83	51585	5.220	ug/L	92
37) 1,2-Dichloropropane	7.440	63	29550	5.570	ug/L #	97
38) Bromodichloromethane	7.824	83	45993	5.205	ug/L	94
39) cis-1,3-Dichloropropene	8.372	75	46121	5.156	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	153854	65.095	ug/L #	90
42) Toluene	8.720	91	132027	5.201	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	42438	5.237	ug/L	91
45) 1,1,2-Trichloroethane	9.159	97	21584	5.057	ug/L	94
47) Tetrachloroethene	9.275	164	23070	4.672	ug/L	89
48) 2-Hexanone	9.433	43	105972	61.411	ug/L #	94
49) Dibromochloromethane	9.525	129	26544	4.760	ug/L	98
50) 1,2-Dibromoethane	9.610	107	20970	4.904	ug/L #	99
51) Chlorobenzene	10.086	112	80869	5.017	ug/L	96
52) Ethylbenzene	10.195	91	160627	5.361	ug/L	96
53) m,p-xylene	10.305	106	53972	5.079	ug/L	97
54) o-xylene	10.646	106	52684	5.085	ug/L	97
55) Styrene	10.659	104	87582	5.037	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	26081	5.295	ug/L	99
59) Bromoform	10.805	173	12111	4.943	ug/L #	98
60) Isopropylbenzene	10.963	105	151888	5.396	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	19906	5.773	ug/L	95
62) 1,3,5-Trimethylbenzene	11.457	105	132723	5.400	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	133434	5.301	ug/L	100
64) 1,3-Dichlorobenzene	11.975	146	59435	5.076	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	61261	5.218	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	54498	5.063	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.945	75	4718	5.621	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.115	180	42947	4.818	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	36893	5.232	ug/L	97
71) Naphthalene	13.780	128	68984	5.431	ug/L	97
72) 1,2,3-Trichlorobenzene	13.963	180	32487	5.123	ug/L	97

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

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