

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102921\
 Data File : VX025027.D
 Acq On : 29 Oct 2021 18:39
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050698

Manual Integrations
 APPROVED

Quant Time: Oct 30 01:08:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 01:06:24 2021
 Response via : Initial Calibration

MMDadoda

11/2/2021 2:33:04 PM

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	166649	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	150820	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	72784	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.368	65	36735	34.581	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.160%
7) Chloroethane-d5	1.666	69	27296	37.591	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.180%
11) 1,1-Dichloroethene-d2	2.313	63	101795	38.888	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.780%
21) 2-Butanone-d5	4.465	46	94268	88.842	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.840%
24) Chloroform-d	5.062	84	121311	43.643	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.280%
26) 1,2-Dichloroethane-d4	5.964	65	85048	41.724	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.440%
32) Benzene-d6	5.983	84	176237	41.169	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.340%
36) 1,2-Dichloropropane-d6	7.312	67	62509	42.848	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.700%
41) Toluene-d8	8.653	98	165690	40.457	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.920%
43) trans-1,3-Dichloroprop...	8.952	79	36761	43.848	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.700%
47) 2-Hexanone-d5	9.391	63	71536	96.310	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.310%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	96434	48.883	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.760%
66) 1,2-Dichlorobenzene-d4	12.323	152	64874	45.934	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.860%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	70781	45.250	ug/L	98
3) Chloromethane	1.288	50	42096	38.702	ug/L	90
5) Vinyl chloride	1.374	62	50375	41.165	ug/L	96
6) Bromomethane	1.612	94	32577	41.376	ug/L	98
8) Chloroethane	1.685	64	29508	47.723	ug/L	95
9) Trichlorofluoromethane	1.886	101	118112	43.478	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	56244	45.644	ug/L	94
12) 1,1-Dichloroethene	2.319	96	48352	46.647	ug/L	75
13) Acetone	2.386	43	70031	69.437	ug/L	94
14) Carbon disulfide	2.514	76	126987	45.197	ug/L	99
15) Methyl Acetate	2.709	43	65204	44.717	ug/L #	79
16) Methylene chloride	2.794	84	56418	48.069	ug/L #	76
17) trans-1,2-Dichloroethene	3.093	96	52455	49.419	ug/L	88
18) Methyl tert-butyl Ether	3.117	73	216153	49.314	ug/L #	90
19) 1,1-Dichloroethane	3.617	63	117566	47.667	ug/L	92
20) cis-1,2-Dichloroethene	4.495	96	60768m	50.677	ug/L	
22) 2-Butanone	4.562	43	100840	81.223	ug/L	81
23) Bromochloromethane	4.904	128	31199	52.080	ug/L #	72
25) Chloroform	5.099	83	134462	48.988	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.099	62	115050	47.412	ug/L	96
29) Cyclohexane	5.483	56	92467	45.220	ug/L #	78
30) 1,1,1-Trichloroethane	5.391	97	126228	48.385	ug/L #	94
31) Carbon tetrachloride	5.684	117	111575	50.493	ug/L	99
33) Benzene	6.044	78	229732	49.199	ug/L	100
34) Trichloroethene	7.129	95	67954	48.238	ug/L	96
35) Methylcyclohexane	7.385	83	93197	45.847	ug/L #	88
37) 1,2-Dichloropropane	7.434	63	65336	49.183	ug/L #	96
38) Bromodichloromethane	7.824	83	99222	48.888	ug/L #	94
39) cis-1,3-Dichloropropene	8.373	75	108186	50.109	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	190643	92.409	ug/L #	83
42) Toluene	8.720	91	251415	49.203	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	111538	50.175	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	62641	50.369	ug/L	93
46) Tetrachloroethene	9.275	164	43806	49.818	ug/L	98
48) 2-Hexanone	9.433	43	146877	86.138	ug/L #	87
49) Dibromochloromethane	9.525	129	71983	51.421	ug/L	99
50) 1,2-Dibromoethane	9.616	107	70446	51.344	ug/L	98
51) Chlorobenzene	10.086	112	155975	51.044	ug/L	93
52) Ethylbenzene	10.195	91	291789	49.484	ug/L	97
53) m,p-Xylene	10.305	106	101158	49.875	ug/L	98
54) o-Xylene	10.647	106	99588	50.228	ug/L	91
55) Styrene	10.659	104	172836	51.540	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.214	83	100488	50.212	ug/L	99
59) Bromoform	10.805	173	47662	53.164	ug/L #	95
60) Isopropylbenzene	10.964	105	289361	52.159	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	89775	50.638	ug/L	94
62) 1,3,5-Trimethylbenzene	11.457	105	252359	52.523	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	250528	52.013	ug/L	99
64) 1,3-Dichlorobenzene	11.976	146	112583	52.147	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	114457	51.262	ug/L	97
67) 1,2-Dichlorobenzene	12.341	146	114409	51.876	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	27865	48.197	ug/L	92
69) 1,3,5-Trichlorobenzene	13.116	180	80643	52.008	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	69884	53.169	ug/L	95
71) Naphthalene	13.780	128	270513	59.510	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	74510	55.126	ug/L	97

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

