

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
 Data File : VX024090.D
 Acq On : 03 Sep 2021 08:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/7/2021 4:37:55 PM

Quant Time: Sep 03 13:42:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	159828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245813	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113220	50.756	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.520%
35) Dibromofluoromethane	5.391	113	87232	53.616	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.240%
50) Toluene-d8	8.653	98	310072	50.073	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.140%
62) 4-Bromofluorobenzene	11.085	95	126466	55.478	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.960%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	80848	47.944	ug/l	99
3) Chloromethane	1.294	50	80573	43.526	ug/l	99
4) Vinyl Chloride	1.380	62	82181	45.519	ug/l	100
5) Bromomethane	1.599	94	52977	46.671	ug/l	95
6) Chloroethane	1.678	64	53853	40.250	ug/l	95
7) Trichlorofluoromethane	1.886	101	147001	51.560	ug/l	98
8) Diethyl Ether	2.142	74	49545	49.761	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	86688	54.034	ug/l	96
10) Methyl Iodide	2.453	142	109152	48.863	ug/l	91
11) Tert butyl alcohol	2.977	59	101834	225.738	ug/l	97
12) 1,1-Dichloroethene	2.319	96	78286	51.038	ug/l	89
13) Acrolein	2.239	56	79797	297.248	ug/l	99
14) Allyl chloride	2.666	41	140844	49.825	ug/l	89
15) Acrylonitrile	3.068	53	232383	231.196	ug/l	97
16) Acetone	2.386	43	280027	280.756	ug/l	# 88
17) Carbon Disulfide	2.514	76	180168	49.249	ug/l	100
18) Methyl Acetate	2.709	43	115236	46.281	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	292532	54.797	ug/l	100
20) Methylene Chloride	2.794	84	91035	47.783	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	84746	51.726	ug/l	95
22) Diisopropyl ether	3.769	45	291995	51.864	ug/l	98
23) Vinyl Acetate	3.727	43	1185689	260.340	ug/l	95
24) 1,1-Dichloroethane	3.617	63	164659	52.551	ug/l	97
25) 2-Butanone	4.562	43	372437	246.531	ug/l	93
26) 2,2-Dichloropropane	4.483	77	151500	58.912	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	101157	51.888	ug/l	96
28) Bromochloromethane	4.903	49	71137	49.932	ug/l	97
29) Tetrahydrofuran	5.013	42	222512	227.393	ug/l	90
30) Chloroform	5.099	83	178148	53.697	ug/l	98
31) Cyclohexane	5.476	56	144151	50.299	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	161703	56.920	ug/l	99
36) 1,1-Dichloropropene	5.696	75	126363	55.510	ug/l	99
37) Ethyl Acetate	4.721	43	136966	48.948	ug/l	# 93
38) Carbon Tetrachloride	5.684	117	142539	60.047	ug/l	95
39) Methylcyclohexane	7.385	83	154911	55.890	ug/l	97
40) Benzene	6.043	78	360552	53.564	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	76031	50.122	ug/l	90
42) 1,2-Dichloroethane	6.092	62	152616	57.688	ug/l	93
43) Isopropyl Acetate	6.348	43	228663	52.243	ug/l	92
44) Trichloroethene	7.129	130	101651	54.667	ug/l	99
45) 1,2-Dichloropropane	7.433	63	94426	52.828	ug/l	97
46) Dibromomethane	7.586	93	69530	55.898	ug/l	98
47) Bromodichloromethane	7.824	83	134990	59.989	ug/l	98
48) Methyl methacrylate	7.696	41	112236	52.565	ug/l	85
49) 1,4-Dioxane	7.659	88	42532	942.513	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	727123	256.996	ug/l	90
52) Toluene	8.720	92	240230	55.076	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	154417	52.993	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	158210	58.023	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	100162	55.778	ug/l	98
56) Ethyl methacrylate	9.122	69	154961	50.495	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	162450	54.543	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	352746	243.947	ug/l	98
59) 2-Hexanone	9.433	43	596001	274.045	ug/l	87
60) Dibromochloromethane	9.525	129	104903	52.797	ug/l	99
61) 1,2-Dibromoethane	9.610	107	104981	55.339	ug/l	99
64) Tetrachloroethene	9.275	164	103901	55.979	ug/l	94
65) Chlorobenzene	10.079	112	267865	55.239	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	102958	59.655	ug/l	99
67) Ethyl Benzene	10.195	91	482796	57.015	ug/l	98
68) m/p-Xylenes	10.305	106	377292	116.976	ug/l	99
69) o-Xylene	10.646	106	183717	57.963	ug/l	99
70) Styrene	10.659	104	314596	60.925	ug/l	97
71) Bromoform	10.805	173	79309	56.298	ug/l #	98
73) Isopropylbenzene	10.963	105	498961	52.085	ug/l	100
74) N-amyl acetate	10.847	43	217131	50.154	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	152633	48.616	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	146300m	49.935	ug/l	
77) Bromobenzene	11.201	156	122281	51.825	ug/l	96
78) n-propylbenzene	11.305	91	583764	53.278	ug/l	99
79) 2-Chlorotoluene	11.366	91	351022	53.004	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	429349	54.538	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	51154	51.359	ug/l	89
82) 4-Chlorotoluene	11.457	91	411248	54.708	ug/l	100
83) tert-Butylbenzene	11.719	119	419637	54.883	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	429260	54.686	ug/l	99
85) sec-Butylbenzene	11.896	105	541239	55.912	ug/l	99
86) p-Isopropyltoluene	12.012	119	458802	57.588	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	231284	54.179	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	230270	54.085	ug/l	99
89) n-Butylbenzene	12.335	91	404647	56.884	ug/l	98
90) Hexachloroethane	12.542	117	73484	52.828	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	220263	53.260	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32921	44.950	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	138529	55.656	ug/l	98
94) Hexachlorobutadiene	13.725	225	65800	59.312	ug/l	99
95) Naphthalene	13.780	128	442793	48.246	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	140001	56.477	ug/l	99

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

