

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024032.D
 Acq On : 31 Aug 2021 10:25
 Operator : JC/MD
 Sample : VX0831WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/1/2021 6:43:45 PM

Quant Time: Sep 01 04:58:14 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	204809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	321315	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	298560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	137629	48.148	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.300%		
35) Dibromofluoromethane	5.397	113	101979	47.952	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.900%		
50) Toluene-d8	8.653	98	373470	46.140	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.280%		
62) 4-Bromofluorobenzene	11.085	95	143082	48.018	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	38581	17.854	ug/l	96
3) Chloromethane	1.294	50	39492	16.648	ug/l	99
4) Vinyl Chloride	1.374	62	39537	17.089	ug/l	99
5) Bromomethane	1.599	94	27584	18.964	ug/l	98
6) Chloroethane	1.685	64	25001	15.004	ug/l	94
7) Trichlorofluoromethane	1.886	101	66774	18.277	ug/l	95
8) Diethyl Ether	2.142	74	23337	18.291	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	40499	19.700	ug/l	97
10) Methyl Iodide	2.453	142	42133	14.719	ug/l	93
11) Tert butyl alcohol	2.977	59	60040	103.862	ug/l	99
12) 1,1-Dichloroethene	2.319	96	37086	18.868	ug/l	88
13) Acrolein	2.239	56	31289	90.955	ug/l	99
14) Allyl chloride	2.666	41	69943	19.309	ug/l	90
15) Acrylonitrile	3.075	53	123581	95.947	ug/l	98
16) Acetone	2.386	43	133512	104.461	ug/l	91
17) Carbon Disulfide	2.514	76	86172	18.382	ug/l	99
18) Methyl Acetate	2.709	43	62191	19.492	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	136035	19.886	ug/l	96
20) Methylene Chloride	2.794	84	43572	17.847	ug/l #	88
21) trans-1,2-Dichloroethene	3.099	96	39415	18.774	ug/l	95
22) Diisopropyl ether	3.769	45	138614	19.213	ug/l	94
23) Vinyl Acetate	3.733	43	572431	98.084	ug/l	94
24) 1,1-Dichloroethane	3.617	63	76211	18.981	ug/l	98
25) 2-Butanone	4.568	43	188852	97.554	ug/l	90
26) 2,2-Dichloropropane	4.483	77	67158	20.379	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	46121	18.462	ug/l	93
28) Bromochloromethane	4.910	49	35244	19.305	ug/l	89
29) Tetrahydrofuran	5.019	42	116379	92.811	ug/l	89
30) Chloroform	5.105	83	79991	18.815	ug/l	98
31) Cyclohexane	5.477	56	68978	18.783	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	71142	19.542	ug/l	96
36) 1,1-Dichloropropene	5.702	75	59055	19.846	ug/l	97
37) Ethyl Acetate	4.721	43	71221	19.472	ug/l #	93
38) Carbon Tetrachloride	5.684	117	61522	19.827	ug/l	95
39) Methylcyclohexane	7.385	83	72313	19.959	ug/l	97
40) Benzene	6.043	78	165892	18.854	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	37743	19.035	ug/l	89
42) 1,2-Dichloroethane	6.098	62	69473	20.090	ug/l	94
43) Isopropyl Acetate	6.348	43	111510	19.490	ug/l	92
44) Trichloroethene	7.129	130	46658	19.196	ug/l	98
45) 1,2-Dichloropropane	7.433	63	45234	19.360	ug/l	99
46) Dibromomethane	7.586	93	32202	19.805	ug/l	95
47) Bromodichloromethane	7.830	83	57572	19.573	ug/l	97
48) Methyl methacrylate	7.696	41	56227	20.146	ug/l	85
49) 1,4-Dioxane	7.665	88	22532	381.984	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	372413	100.697	ug/l	89
52) Toluene	8.720	92	109388	19.186	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	66973	19.011	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	70909	19.895	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	45558	19.409	ug/l	96
56) Ethyl methacrylate	9.116	69	72331	18.519	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	76206	19.574	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	179112	94.761	ug/l	95
59) 2-Hexanone	9.433	43	292981	103.059	ug/l	86
60) Dibromochloromethane	9.525	129	44838	18.400	ug/l	99
61) 1,2-Dibromoethane	9.610	107	47830	19.288	ug/l	100
64) Tetrachloroethene	9.275	164	46744	19.602	ug/l	94
65) Chlorobenzene	10.079	112	118461	19.014	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	43668	19.693	ug/l	100
67) Ethyl Benzene	10.195	91	214052	19.675	ug/l	99
68) m/p-Xylenes	10.305	106	163282	39.403	ug/l	97
69) o-Xylene	10.646	106	78946	19.387	ug/l	97
70) Styrene	10.659	104	129123	19.463	ug/l	96
71) Bromoform	10.805	173	31547	18.763	ug/l #	99
73) Isopropylbenzene	10.963	105	213051	19.619	ug/l	100
74) N-amyl acetate	10.848	43	97140	19.794	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	68793	19.330	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	66376m	19.986	ug/l	
77) Bromobenzene	11.201	156	51082	19.098	ug/l	98
78) n-propylbenzene	11.305	91	244133	19.655	ug/l	100
79) 2-Chlorotoluene	11.366	91	146806	19.555	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	182487	20.449	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	20982	18.584	ug/l #	84
82) 4-Chlorotoluene	11.457	91	167992	19.714	ug/l	99
83) tert-Butylbenzene	11.719	119	172723	19.928	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	177017	19.894	ug/l	98
85) sec-Butylbenzene	11.896	105	221101	20.149	ug/l	100
86) p-Isopropyltoluene	12.012	119	183645	20.334	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	92424	19.099	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	92292	19.123	ug/l	98
89) n-Butylbenzene	12.335	91	161977	20.087	ug/l	97
90) Hexachloroethane	12.542	117	28068	18.772	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	88589	18.897	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15305	19.710	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	52439	18.585	ug/l	99
94) Hexachlorobutadiene	13.731	225	25746	20.473	ug/l	98
95) Naphthalene	13.780	128	178980	18.028	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	52937	18.839	ug/l	99

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

