

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072821\
 Data File : VX023486.D
 Acq On : 28 Jul 2021 11:39
 Operator : JC/MD
 Sample : VX0728WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2021 9:26:44 AM

Quant Time: Jul 28 13:28:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	205232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	325959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129570	50.612	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.220%	
35) Dibromofluoromethane	5.391	113	102439	50.263	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.520%	
50) Toluene-d8	8.653	98	392523	52.422	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.840%	
62) 4-Bromofluorobenzene	11.085	95	139579	54.819	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.640%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	37500	19.861	ug/l	98
3) Chloromethane	1.294	50	42783	19.451	ug/l	98
4) Vinyl Chloride	1.374	62	41610	18.689	ug/l	98
5) Bromomethane	1.599	94	30822	23.318	ug/l	95
6) Chloroethane	1.685	64	27367	20.028	ug/l	99
7) Trichlorofluoromethane	1.886	101	68579	19.118	ug/l	98
8) Diethyl Ether	2.136	74	25021	18.899	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	40330	19.845	ug/l	96
10) Methyl Iodide	2.453	142	45517	17.877	ug/l	96
11) Tert butyl alcohol	2.971	59	56562	96.715	ug/l	100
12) 1,1-Dichloroethene	2.319	96	36757	18.228	ug/l	96
13) Acrolein	2.239	56	28242	95.838	ug/l	99
14) Allyl chloride	2.666	41	66610	18.168	ug/l	93
15) Acrylonitrile	3.069	53	129106	97.761	ug/l	99
16) Acetone	2.386	43	130398	103.834	ug/l	91
17) Carbon Disulfide	2.514	76	81392	16.368	ug/l	98
18) Methyl Acetate	2.709	43	57577	19.287	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	131148	18.704	ug/l	96
20) Methylene Chloride	2.794	84	44763	18.325	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	39587	18.480	ug/l	91
22) Diisopropyl ether	3.770	45	138933	19.197	ug/l	96
23) Vinyl Acetate	3.727	43	609883	95.462	ug/l	95
24) 1,1-Dichloroethane	3.617	63	76072	19.124	ug/l	98
25) 2-Butanone	4.562	43	188715	96.795	ug/l	92
26) 2,2-Dichloropropane	4.483	77	61119	18.786	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	47013	18.897	ug/l	98
28) Bromochloromethane	4.904	49	35199	18.961	ug/l	93
29) Tetrahydrofuran	5.019	42	119572	93.566	ug/l	89
30) Chloroform	5.099	83	79173	19.446	ug/l	99
31) Cyclohexane	5.471	56	67649	17.838	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	65634	18.863	ug/l	97
36) 1,1-Dichloropropene	5.696	75	56296	19.092	ug/l	99
37) Ethyl Acetate	4.721	43	70029	18.836	ug/l	95
38) Carbon Tetrachloride	5.684	117	56992	19.006	ug/l	98
39) Methylcyclohexane	7.385	83	70922	19.045	ug/l	97
40) Benzene	6.044	78	172011	19.675	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	37691	19.200	ug/l	92
42) 1,2-Dichloroethane	6.092	62	63834	19.747	ug/l	96
43) Isopropyl Acetate	6.348	43	107680	18.691	ug/l	93
44) Trichloroethene	7.129	130	46402	19.320	ug/l	97
45) 1,2-Dichloropropane	7.434	63	45312	19.586	ug/l	95
46) Dibromomethane	7.586	93	30778	19.614	ug/l	99
47) Bromodichloromethane	7.824	83	54978	19.447	ug/l	99
48) Methyl methacrylate	7.696	41	52292	19.599	ug/l	87
49) 1,4-Dioxane	7.659	88	24041	423.158	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	367350	104.252	ug/l	90
52) Toluene	8.720	92	108842	20.095	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	62445	18.599	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	68090	19.320	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	46263	21.093	ug/l	98
56) Ethyl methacrylate	9.122	69	68075	19.363	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	75730	20.320	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	177192	95.140	ug/l	96
59) 2-Hexanone	9.433	43	289857	108.326	ug/l	89
60) Dibromochloromethane	9.525	129	42664	18.838	ug/l	99
61) 1,2-Dibromoethane	9.610	107	48818	20.862	ug/l	100
64) Tetrachloroethene	9.275	164	45683	18.889	ug/l	94
65) Chlorobenzene	10.079	112	121365	19.513	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	42786	18.527	ug/l	99
67) Ethyl Benzene	10.195	91	208929	19.368	ug/l	99
68) m/p-Xylenes	10.305	106	160774	38.753	ug/l	99
69) o-Xylene	10.646	106	79717	19.381	ug/l	96
70) Styrene	10.659	104	130184	19.976	ug/l	99
71) Bromoform	10.805	173	29584	18.201	ug/l #	100
73) Isopropylbenzene	10.963	105	207908	19.689	ug/l	99
74) N-amyl acetate	10.848	43	94381	19.592	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	69105	20.090	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	64210m	20.851	ug/l	
77) Bromobenzene	11.201	156	51938	20.390	ug/l	95
78) n-propylbenzene	11.305	91	236487	19.788	ug/l	99
79) 2-Chlorotoluene	11.366	91	141677	19.839	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	174176	20.254	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	20495	17.896	ug/l	88
82) 4-Chlorotoluene	11.457	91	160346	19.847	ug/l	100
83) tert-Butylbenzene	11.719	119	169231	20.063	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	174290	20.376	ug/l	99
85) sec-Butylbenzene	11.896	105	216768	19.819	ug/l	99
86) p-Isopropyltoluene	12.012	119	177928	20.145	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	92276	19.581	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	90342	18.893	ug/l	98
89) n-Butylbenzene	12.335	91	157396	19.686	ug/l	96
90) Hexachloroethane	12.542	117	27436	18.584	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	88795	19.460	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12966	16.998	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	54280	18.934	ug/l	97
94) Hexachlorobutadiene	13.725	225	24046	18.690	ug/l	99
95) Naphthalene	13.780	128	182874	18.553	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	54611	18.864	ug/l	99

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

