

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082321\
 Data File : VX023904.D
 Acq On : 23 Aug 2021 16:53
 Operator : JC/MD
 Sample : VX0823WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/24/2021 11:44:01 AM

Quant Time: Aug 24 07:15:48 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	5.562	168	207995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	332341	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	312443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	144142	49.654	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.300%		
35) Dibromofluoromethane	5.398	113	108297	49.233	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.460%		
50) Toluene-d8	8.653	98	407015	48.616	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.240%		
62) 4-Bromofluorobenzene	11.086	95	155805	50.553	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	42705	19.460	ug/l	98
3) Chloromethane	1.295	50	46659	19.368	ug/l	97
4) Vinyl Chloride	1.374	62	45312	19.286	ug/l	99
5) Bromomethane	1.599	94	34461	23.329	ug/l	94
6) Chloroethane	1.685	64	28765	16.777	ug/l	100
7) Trichlorofluoromethane	1.886	101	74366	20.043	ug/l	98
8) Diethyl Ether	2.142	74	25794	19.907	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	42397	20.307	ug/l	97
10) Methyl Iodide	2.453	142	54479	18.740	ug/l	94
11) Tert butyl alcohol	2.977	59	63466	108.107	ug/l	97
12) 1,1-Dichloroethene	2.319	96	40265	20.172	ug/l	95
13) Acrolein	2.240	56	37023	105.975	ug/l	98
14) Allyl chloride	2.666	41	76288	20.738	ug/l	91
15) Acrylonitrile	3.075	53	136836	104.611	ug/l	98
16) Acetone	2.386	43	128329	98.868	ug/l	91
17) Carbon Disulfide	2.514	76	97557	20.492	ug/l	100
18) Methyl Acetate	2.709	43	69811	21.545	ug/l	91
19) Methyl tert-butyl Ether	3.124	73	145245	20.907	ug/l	99
20) Methylene Chloride	2.794	84	48939	19.739	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	42662	20.009	ug/l	98
22) Diisopropyl ether	3.770	45	151948	20.739	ug/l	91
23) Vinyl Acetate	3.733	43	626253	105.662	ug/l	94
24) 1,1-Dichloroethane	3.617	63	84807	20.798	ug/l	96
25) 2-Butanone	4.568	43	204059	103.795	ug/l	94
26) 2,2-Dichloropropane	4.483	77	70737	21.137	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	51935	20.471	ug/l	96
28) Bromochloromethane	4.910	49	41062	22.147	ug/l	93
29) Tetrahydrofuran	5.020	42	133990	105.219	ug/l	88
30) Chloroform	5.105	83	87845	20.346	ug/l	96
31) Cyclohexane	5.483	56	72345	19.398	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	76154	20.599	ug/l	97
36) 1,1-Dichloropropene	5.702	75	62514	20.312	ug/l	99
37) Ethyl Acetate	4.727	43	76804	20.301	ug/l #	95
38) Carbon Tetrachloride	5.678	117	67158	20.926	ug/l	93
39) Methylcyclohexane	7.385	83	73987	19.744	ug/l	97
40) Benzene	6.050	78	183302	20.142	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	41269	20.122	ug/l	90
42) 1,2-Dichloroethane	6.092	62	74519	20.834	ug/l	94
43) Isopropyl Acetate	6.355	43	123719	20.907	ug/l	93
44) Trichloroethene	7.129	130	50742	20.184	ug/l	94
45) 1,2-Dichloropropane	7.440	63	48815	20.200	ug/l	98
46) Dibromomethane	7.586	93	34428	20.472	ug/l	97
47) Bromodichloromethane	7.824	83	63585	20.900	ug/l	98
48) Methyl methacrylate	7.696	41	59726	20.689	ug/l	85
49) 1,4-Dioxane	7.665	88	26983	442.265	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	409660	107.093	ug/l	89
52) Toluene	8.720	92	118864	20.156	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	73216	19.972	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	75608	20.510	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	50022	20.603	ug/l	98
56) Ethyl methacrylate	9.122	69	78556	19.408	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	83445	20.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	199282	101.935	ug/l	97
59) 2-Hexanone	9.433	43	325697	110.767	ug/l	86
60) Dibromochloromethane	9.525	129	48398	19.128	ug/l	98
61) 1,2-Dibromoethane	9.616	107	52763	20.572	ug/l	100
64) Tetrachloroethene	9.275	164	48960	19.619	ug/l	94
65) Chlorobenzene	10.086	112	129973	19.935	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	48611	20.948	ug/l	99
67) Ethyl Benzene	10.195	91	232221	20.396	ug/l	98
68) m/p-Xylenes	10.305	106	177112	40.841	ug/l	99
69) o-Xylene	10.647	106	87582	20.552	ug/l	98
70) Styrene	10.659	104	144244	20.777	ug/l	98
71) Bromoform	10.805	173	36207	20.391	ug/l #	99
73) Isopropylbenzene	10.964	105	230709	20.236	ug/l	99
74) N-amyl acetate	10.848	43	106769	20.723	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	79069	21.162	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	75403m	21.625	ug/l	
77) Bromobenzene	11.201	156	57548	20.494	ug/l	96
78) n-propylbenzene	11.305	91	260851	20.004	ug/l	99
79) 2-Chlorotoluene	11.366	91	161360	20.473	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	192308	20.526	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	23322	19.675	ug/l #	83
82) 4-Chlorotoluene	11.457	91	184047	20.573	ug/l	99
83) tert-Butylbenzene	11.720	119	187446	20.599	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	193334	20.696	ug/l	99
85) sec-Butylbenzene	11.896	105	236603	20.538	ug/l	100
86) p-Isopropyltoluene	12.012	119	196017	20.673	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	104474	20.564	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	103802	20.486	ug/l	98
89) n-Butylbenzene	12.335	91	172507	20.377	ug/l	98
90) Hexachloroethane	12.543	117	31772	20.126	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	102838	20.894	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16593	20.283	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	59100	19.951	ug/l	99
94) Hexachlorobutadiene	13.725	225	27398	20.752	ug/l	97
95) Naphthalene	13.780	128	201520	19.242	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	60966	20.665	ug/l	99

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

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