

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090821\
 Data File : VX024128.D
 Acq On : 08 Sep 2021 11:11
 Operator : JC/MD
 Sample : VX0908WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:51:30 AM

Quant Time: Sep 09 05:42:15 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	175794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	265538	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115525	47.085	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.180%		
35) Dibromofluoromethane	5.391	113	87025	49.516	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.040%		
50) Toluene-d8	8.653	98	308367	46.099	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.200%		
62) 4-Bromofluorobenzene	11.085	95	124001	50.356	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	39061	21.060	ug/l	100
3) Chloromethane	1.294	50	35894	17.629	ug/l	100
4) Vinyl Chloride	1.374	62	35369	17.811	ug/l	99
5) Bromomethane	1.599	94	27685	22.175	ug/l	97
6) Chloroethane	1.685	64	22786	15.826	ug/l	96
7) Trichlorofluoromethane	1.886	101	62036	19.783	ug/l	96
8) Diethyl Ether	2.142	74	20184	18.431	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	35518	20.128	ug/l	95
10) Methyl Iodide	2.453	142	41052	16.708	ug/l	93
11) Tert butyl alcohol	2.971	59	50275	101.324	ug/l	99
12) 1,1-Dichloroethene	2.319	96	32544	19.290	ug/l	93
13) Acrolein	2.239	56	23695	80.249	ug/l	95
14) Allyl chloride	2.666	41	56113	18.048	ug/l	87
15) Acrylonitrile	3.069	53	100100	90.544	ug/l	97
16) Acetone	2.386	43	108330	98.748	ug/l	89
17) Carbon Disulfide	2.514	76	75386	18.735	ug/l	99
18) Methyl Acetate	2.709	43	60917	22.244	ug/l #	89
19) Methyl tert-butyl Ether	3.123	73	117994	20.095	ug/l	98
20) Methylene Chloride	2.794	84	38506	18.376	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	35780	19.855	ug/l	95
22) Diisopropyl ether	3.770	45	115212	18.605	ug/l	97
23) Vinyl Acetate	3.727	43	500786	99.970	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	66077	19.173	ug/l	98
25) 2-Butanone	4.568	43	151156	90.969	ug/l	95
26) 2,2-Dichloropropane	4.483	77	59698	21.106	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	41076	19.156	ug/l	95
28) Bromochloromethane	4.904	49	24576	15.683	ug/l	97
29) Tetrahydrofuran	5.019	42	94430	87.737	ug/l	91
30) Chloroform	5.105	83	71310	19.542	ug/l	96
31) Cyclohexane	5.477	56	58898	18.685	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	64595	20.673	ug/l	98
36) 1,1-Dichloropropene	5.696	75	52378	21.300	ug/l	98
37) Ethyl Acetate	4.727	43	55801	18.460	ug/l	95
38) Carbon Tetrachloride	5.678	117	56780	22.143	ug/l	98
39) Methylcyclohexane	7.385	83	63968	21.364	ug/l	95
40) Benzene	6.044	78	148979	20.488	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	31553	19.255	ug/l	91
42) 1,2-Dichloroethane	6.098	62	63557	22.240	ug/l	93
43) Isopropyl Acetate	6.348	43	91930	19.443	ug/l	93
44) Trichloroethene	7.135	130	41805	20.812	ug/l	96
45) 1,2-Dichloropropane	7.434	63	37735	19.543	ug/l	98
46) Dibromomethane	7.586	93	27957	20.806	ug/l	99
47) Bromodichloromethane	7.824	83	53205	21.888	ug/l	98
48) Methyl methacrylate	7.696	41	56040	24.296	ug/l	85
49) 1,4-Dioxane	7.659	88	19159	393.027	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	297645	97.386	ug/l	90
52) Toluene	8.720	92	96365	20.452	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	57197	19.575	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	61912	21.020	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	40989	21.130	ug/l	99
56) Ethyl methacrylate	9.122	69	46847	14.678	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	65890	20.479	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	141101	90.332	ug/l	98
59) 2-Hexanone	9.433	43	236711	100.756	ug/l	86
60) Dibromochloromethane	9.525	129	41324	20.325	ug/l	100
61) 1,2-Dibromoethane	9.610	107	42381	20.681	ug/l	99
64) Tetrachloroethene	9.275	164	43306	21.983	ug/l	93
65) Chlorobenzene	10.079	112	105880	20.572	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	39894	21.778	ug/l	99
67) Ethyl Benzene	10.195	91	191698	21.329	ug/l	99
68) m/p-Xylenes	10.305	106	144575	42.232	ug/l	98
69) o-Xylene	10.646	106	69850	20.763	ug/l	100
70) Styrene	10.659	104	104872	19.135	ug/l	96
71) Bromoform	10.805	173	28322	20.223	ug/l #	98
73) Isopropylbenzene	10.963	105	192739	19.851	ug/l	99
74) N-amyl acetate	10.848	43	80375	18.318	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	62423	19.618	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	59056m	19.889	ug/l	
77) Bromobenzene	11.201	156	47537	19.879	ug/l	96
78) n-propylbenzene	11.305	91	216566	19.502	ug/l	99
79) 2-Chlorotoluene	11.366	91	132519	19.744	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	163804	20.530	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18120	17.950	ug/l #	87
82) 4-Chlorotoluene	11.457	91	153784	20.186	ug/l	99
83) tert-Butylbenzene	11.719	119	157166	20.282	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	164913	20.729	ug/l	98
85) sec-Butylbenzene	11.896	105	187621	19.124	ug/l	100
86) p-Isopropyltoluene	12.012	119	169438	20.984	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	84255	19.474	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	85426	19.797	ug/l	97
89) n-Butylbenzene	12.335	91	147603	20.473	ug/l	97
90) Hexachloroethane	12.542	117	25957	19.367	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	81845	19.527	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12444	18.120	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	50955	20.199	ug/l	99
94) Hexachlorobutadiene	13.725	225	25477	22.659	ug/l	98
95) Naphthalene	13.780	128	159514	17.976	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	50436	20.075	ug/l	98

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

