

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030995.D
 Acq On : 31 Aug 2022 22:59
 Operator : JC/MD
 Sample : VX0831WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS02

Quant Time: Sep 01 00:59:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	188249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	317431	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113671	42.100	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.200%		
35) Dibromofluoromethane	5.397	113	106689	45.595	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.180%		
50) Toluene-d8	8.653	98	391435	45.171	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.340%		
62) 4-Bromofluorobenzene	11.085	95	137296	44.492	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	34203	17.174	ug/l	98
3) Chloromethane	1.288	50	31023	15.456	ug/l	100
4) Vinyl Chloride	1.374	62	39460	16.641	ug/l	96
5) Bromomethane	1.611	94	16544	20.083	ug/l	96
6) Chloroethane	1.678	64	23262	16.315	ug/l	94
7) Trichlorofluoromethane	1.886	101	68819	19.082	ug/l	97
8) Diethyl Ether	2.136	74	24499	17.602	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.331	101	44826	19.328	ug/l	94
10) Methyl Iodide	2.453	142	39583	21.148	ug/l	94
11) Tert butyl alcohol	2.995	59	67245	105.121	ug/l #	87
12) 1,1-Dichloroethene	2.319	96	44465	19.436	ug/l	98
13) Acrolein	2.239	56	29517	95.524	ug/l	99
14) Allyl chloride	2.666	41	60678	16.348	ug/l	96
15) Acrylonitrile	3.068	53	126109	89.276	ug/l	98
16) Acetone	2.392	43	108431	88.979	ug/l	94
17) Carbon Disulfide	2.508	76	102781	17.022	ug/l	99
18) Methyl Acetate	2.709	43	63341	17.719	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	144231	19.356	ug/l	91
20) Methylene Chloride	2.788	84	50811	18.339	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	47608	19.191	ug/l	99
22) Diisopropyl ether	3.770	45	129849	16.978	ug/l #	84
23) Vinyl Acetate	3.727	43	518736	84.543	ug/l	95
24) 1,1-Dichloroethane	3.611	63	81596	18.218	ug/l	99
25) 2-Butanone	4.568	43	162162	82.202	ug/l	91
26) 2,2-Dichloropropane	4.477	77	45981	13.623	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	55289	19.341	ug/l	92
28) Bromochloromethane	4.903	49	22191	15.317	ug/l #	82
29) Tetrahydrofuran	5.019	42	107070	83.898	ug/l	88
30) Chloroform	5.099	83	90265	19.427	ug/l	94
31) Cyclohexane	5.470	56	69980	17.512	ug/l	89
32) 1,1,1-Trichloroethane	5.391	97	77667	19.719	ug/l	95
36) 1,1-Dichloropropene	5.702	75	61346	17.639	ug/l	98
37) Ethyl Acetate	4.721	43	62551	17.108	ug/l	96
38) Carbon Tetrachloride	5.678	117	64325	19.428	ug/l	92
39) Methylcyclohexane	7.385	83	78589	18.474	ug/l	98
40) Benzene	6.044	78	189762	18.931	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	32646	16.439	ug/l #	89
42) 1,2-Dichloroethane	6.092	62	63174	18.973	ug/l	99
43) Isopropyl Acetate	6.348	43	93764	16.526	ug/l #	92
44) Trichloroethene	7.129	130	57324	19.412	ug/l	97
45) 1,2-Dichloropropane	7.434	63	48392	18.086	ug/l	99
46) Dibromomethane	7.586	93	38068	20.834	ug/l	95
47) Bromodichloromethane	7.824	83	69226	19.708	ug/l	98
48) Methyl methacrylate	7.696	41	47366	16.679	ug/l	90
49) 1,4-Dioxane	7.677	88	28630	383.602	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	317119	84.684	ug/l	92
52) Toluene	8.720	92	122694	20.033	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	65018	18.344	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	73717	18.180	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	53671	20.202	ug/l	97
56) Ethyl methacrylate	9.116	69	71796	18.452	ug/l	89
57) 1,3-Dichloropropane	9.311	76	85143	19.432	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	196188	100.393	ug/l	99
59) 2-Hexanone	9.433	43	259989	93.366	ug/l	96
60) Dibromochloromethane	9.525	129	53636	20.314	ug/l	96
61) 1,2-Dibromoethane	9.610	107	60417	22.027	ug/l	99
64) Tetrachloroethene	9.275	164	56068	20.514	ug/l	97
65) Chlorobenzene	10.079	112	133464	19.533	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	48287	19.946	ug/l	99
67) Ethyl Benzene	10.195	91	235519	19.432	ug/l	97
68) m/p-Xylenes	10.305	106	181469	39.529	ug/l	98
69) o-Xylene	10.646	106	88825	19.770	ug/l	97
70) Styrene	10.659	104	149850	19.757	ug/l	98
71) Bromoform	10.805	173	36841	19.394	ug/l #	97
73) Isopropylbenzene	10.963	105	234285	19.187	ug/l	99
74) N-amyl acetate	10.848	43	77391	16.394	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	73496	17.569	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	67719m	17.822	ug/l	
77) Bromobenzene	11.201	156	55440	18.736	ug/l	93
78) n-propylbenzene	11.305	91	264816	18.505	ug/l	100
79) 2-Chlorotoluene	11.366	91	158953	17.884	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	198521	19.295	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	19991	15.642	ug/l	95
82) 4-Chlorotoluene	11.457	91	183440	18.461	ug/l	100
83) tert-Butylbenzene	11.719	119	186913	18.506	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	198812	18.875	ug/l	97
85) sec-Butylbenzene	11.896	105	252509	19.261	ug/l	100
86) p-Isopropyltoluene	12.012	119	205698	18.914	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	115095	19.728	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	113816	19.027	ug/l	97
89) n-Butylbenzene	12.335	91	176989	17.388	ug/l	98
90) Hexachloroethane	12.542	117	32609	17.077	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	112485	19.007	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19092	18.296	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	73785	19.504	ug/l	96
94) Hexachlorobutadiene	13.725	225	28866	17.968	ug/l	96
95) Naphthalene	13.780	128	263354	19.465	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	73852	19.335	ug/l	97

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

