

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030969.D
 Acq On : 31 Aug 2022 11:39
 Operator : JC/MD
 Sample : VX0831WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Sep 01 00:55:31 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	191548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	317200	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	128277	46.691	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.380%		
35) Dibromofluoromethane	5.391	113	115525	49.407	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.820%		
50) Toluene-d8	8.653	98	426828	49.291	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.580%		
62) 4-Bromofluorobenzene	11.079	95	153273	49.705	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	35729	17.631	ug/l	96
3) Chloromethane	1.288	50	34113	16.703	ug/l	97
4) Vinyl Chloride	1.374	62	41336	17.131	ug/l	97
5) Bromomethane	1.612	94	18232	22.127	ug/l	94
6) Chloroethane	1.685	64	22898	15.783	ug/l	96
7) Trichlorofluoromethane	1.886	101	69112	18.833	ug/l	97
8) Diethyl Ether	2.136	74	26272	18.550	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	45953	19.472	ug/l	95
10) Methyl Iodide	2.447	142	43115	22.330	ug/l	96
11) Tert butyl alcohol	2.995	59	64864	99.652	ug/l	99
12) 1,1-Dichloroethene	2.319	96	44564	19.144	ug/l	96
13) Acrolein	2.239	56	35246	110.838	ug/l	99
14) Allyl chloride	2.660	41	68335	18.094	ug/l	96
15) Acrylonitrile	3.069	53	140799	97.959	ug/l	99
16) Acetone	2.392	43	109897	88.629	ug/l	99
17) Carbon Disulfide	2.508	76	108799	17.709	ug/l	99
18) Methyl Acetate	2.709	43	69854	19.204	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	152365	20.095	ug/l	96
20) Methylene Chloride	2.788	84	54072	19.180	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	49083	19.445	ug/l	95
22) Diisopropyl ether	3.764	45	139189	17.885	ug/l #	89
23) Vinyl Acetate	3.721	43	584152	93.565	ug/l	96
24) 1,1-Dichloroethane	3.611	63	86691	19.022	ug/l	99
25) 2-Butanone	4.562	43	181230	90.285	ug/l	99
26) 2,2-Dichloropropane	4.477	77	63987	18.632	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	57454	19.752	ug/l	97
28) Bromochloromethane	4.898	49	29816	20.225	ug/l #	82
29) Tetrahydrofuran	5.013	42	117466	90.459	ug/l	91
30) Chloroform	5.093	83	92229	19.508	ug/l	98
31) Cyclohexane	5.471	56	75350	18.531	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	77082	19.233	ug/l	97
36) 1,1-Dichloropropene	5.696	75	65468	18.838	ug/l	99
37) Ethyl Acetate	4.715	43	68814	18.834	ug/l	97
38) Carbon Tetrachloride	5.678	117	66926	20.228	ug/l	97
39) Methylcyclohexane	7.385	83	86443	20.335	ug/l	95
40) Benzene	6.038	78	197540	19.722	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	37112	18.701	ug/l	94
42) 1,2-Dichloroethane	6.086	62	66924	20.114	ug/l	99
43) Isopropyl Acetate	6.348	43	105191	18.554	ug/l #	94
44) Trichloroethene	7.129	130	59286	20.091	ug/l	99
45) 1,2-Dichloropropane	7.434	63	55584	20.790	ug/l	95
46) Dibromomethane	7.586	93	37244	20.398	ug/l	93
47) Bromodichloromethane	7.824	83	71023	20.234	ug/l	92
48) Methyl methacrylate	7.690	41	55817	19.669	ug/l	93
49) 1,4-Dioxane	7.684	88	30406	407.695	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	350453	93.654	ug/l	93
52) Toluene	8.720	92	124242	20.300	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	73994	20.892	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	80972	19.984	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	55508	20.909	ug/l	98
56) Ethyl methacrylate	9.116	69	82377	21.187	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	89044	20.337	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	198013	101.400	ug/l	98
59) 2-Hexanone	9.433	43	266656	95.830	ug/l	92
60) Dibromochloromethane	9.519	129	56788	21.524	ug/l	99
61) 1,2-Dibromoethane	9.610	107	57252	20.888	ug/l	98
64) Tetrachloroethene	9.275	164	57703	21.276	ug/l	96
65) Chlorobenzene	10.080	112	139386	20.558	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	50420	20.988	ug/l	99
67) Ethyl Benzene	10.195	91	243651	20.259	ug/l	100
68) m/p-Xylenes	10.305	106	198183	43.505	ug/l	96
69) o-Xylene	10.647	106	93467	20.964	ug/l	100
70) Styrene	10.659	104	155275	20.631	ug/l	100
71) Bromoform	10.805	173	39349	20.874	ug/l #	97
73) Isopropylbenzene	10.964	105	244192	20.385	ug/l	100
74) N-amyl acetate	10.842	43	85364	18.432	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	79855	19.458	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	76537m	20.532	ug/l	
77) Bromobenzene	11.201	156	60336	20.785	ug/l	92
78) n-propylbenzene	11.305	91	283842	20.218	ug/l	97
79) 2-Chlorotoluene	11.366	91	175628	20.142	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	210166	20.821	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23424	18.682	ug/l	97
82) 4-Chlorotoluene	11.457	91	196360	20.144	ug/l	99
83) tert-Butylbenzene	11.720	119	208299	21.022	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	210935	20.413	ug/l	98
85) sec-Butylbenzene	11.890	105	270867	21.061	ug/l	99
86) p-Isopropyltoluene	12.012	119	217624	20.397	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	121055	21.150	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	119160	20.305	ug/l	99
89) n-Butylbenzene	12.335	91	193382	19.365	ug/l	97
90) Hexachloroethane	12.543	117	37553	20.047	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	121257	20.886	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21048	20.560	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	75541	20.354	ug/l	99
94) Hexachlorobutadiene	13.725	225	33014	20.947	ug/l	97
95) Naphthalene	13.780	128	278028	20.946	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	79633	21.251	ug/l	99

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

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