

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
 Data File : VX038092.D
 Acq On : 05 Oct 2023 10:45
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 15:06:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 12:40:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	141346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243298	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	47081	20.709	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	41.420%#
35) Dibromofluoromethane	5.385	113	35671	20.347	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	40.700%#
50) Toluene-d8	8.652	98	135928	20.291	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	40.580%#
62) 4-Bromofluorobenzene	11.079	95	49373	19.441	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	38.880%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	28838	21.137	ug/l	98
3) Chloromethane	1.300	50	27621	19.863	ug/l	97
4) Vinyl Chloride	1.373	62	32794	21.270	ug/l	98
5) Bromomethane	1.605	94	31813	15.116	ug/l	94
6) Chloroethane	1.690	64	24101	21.617	ug/l	96
7) Trichlorofluoromethane	1.892	101	61205	20.098	ug/l	98
8) Diethyl Ether	2.135	74	23768	20.927	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.330	101	25869	19.458	ug/l	96
10) Methyl Iodide	2.452	142	37814	19.768	ug/l	95
11) Tert butyl alcohol	2.952	59	52090	97.007	ug/l #	94
12) 1,1-Dichloroethene	2.318	96	25619	19.811	ug/l	92
13) Acrolein	2.239	56	32050	99.166	ug/l	99
14) Allyl chloride	2.666	41	45783	19.793	ug/l	93
15) Acrylonitrile	3.062	53	106416	102.857	ug/l	99
16) Acetone	2.379	43	95680	100.840	ug/l	95
17) Carbon Disulfide	2.513	76	69554	18.661	ug/l	98
18) Methyl Acetate	2.702	43	84023	20.650	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	103731	20.140	ug/l	98
20) Methylene Chloride	2.788	84	33141	18.569	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	32066	20.026	ug/l	92
22) Diisopropyl ether	3.763	45	98286	20.274	ug/l #	92
23) Vinyl Acetate	3.720	43	369423	103.911	ug/l	97
24) 1,1-Dichloroethane	3.611	63	60042	20.408	ug/l	100
25) 2-Butanone	4.556	43	159186	103.981	ug/l	96
26) 2,2-Dichloropropane	4.476	77	45689	19.891	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	38142	20.002	ug/l	93
28) Bromochloromethane	4.897	49	27042	20.361	ug/l	93
29) Tetrahydrofuran	5.001	42	103564	103.905	ug/l	92
30) Chloroform	5.098	83	65831	20.462	ug/l	99
31) Cyclohexane	5.470	56	50472	20.491	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	54567	19.802	ug/l	100
36) 1,1-Dichloropropene	5.696	75	45945	19.005	ug/l	97
37) Ethyl Acetate	4.714	43	57169	19.912	ug/l	96
38) Carbon Tetrachloride	5.684	117	45464	19.117	ug/l	98
39) Methylcyclohexane	7.384	83	55559	19.620	ug/l	93
40) Benzene	6.037	78	136663	20.211	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.915	41	29343	20.544	ug/l	#	91
42) 1,2-Dichloroethane	6.092	62	54616	20.217	ug/l		99
43) Isopropyl Acetate	6.342	43	87521	20.420	ug/l		98
44) Trichloroethene	7.128	130	35795	20.240	ug/l		98
45) 1,2-Dichloropropane	7.433	63	35127	20.072	ug/l		97
46) Dibromomethane	7.580	93	26417	19.463	ug/l		96
47) Bromodichloromethane	7.823	83	48132	19.934	ug/l		97
48) Methyl methacrylate	7.695	41	40799	19.940	ug/l	#	84
49) 1,4-Dioxane	7.659	88	21160	419.666	ug/l	#	87
51) 4-Methyl-2-Pentanone	8.573	43	311373	105.322	ug/l		98
52) Toluene	8.720	92	89104	20.230	ug/l		94
53) t-1,3-Dichloropropene	8.976	75	49843	19.231	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	54423	19.986	ug/l		95
55) 1,1,2-Trichloroethane	9.152	97	37370	19.836	ug/l		93
56) Ethyl methacrylate	9.116	69	57308	19.840	ug/l		93
57) 1,3-Dichloropropane	9.311	76	61714	20.254	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.244	63	141433	99.750	ug/l		99
59) 2-Hexanone	9.427	43	252141	106.088	ug/l		97
60) Dibromochloromethane	9.518	129	35822	19.428	ug/l		98
61) 1,2-Dibromoethane	9.610	107	40895	20.073	ug/l		98
64) Tetrachloroethene	9.274	164	30125	20.072	ug/l		94
65) Chlorobenzene	10.079	112	95916	19.772	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.164	131	33792	20.599	ug/l		100
67) Ethyl Benzene	10.195	91	175338	20.248	ug/l		100
68) m/p-Xylenes	10.299	106	132807	39.664	ug/l		99
69) o-Xylene	10.640	106	64166	19.635	ug/l		95
70) Styrene	10.658	104	106950	20.097	ug/l		98
71) Bromoform	10.798	173	25588	18.715	ug/l	#	100
73) Isopropylbenzene	10.963	105	169698	20.566	ug/l		99
74) N-amyl acetate	10.841	43	76515	21.714	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.213	83	64354	21.254	ug/l		99
76) 1,2,3-Trichloropropane	11.237	75	59395m	21.234	ug/l		
77) Bromobenzene	11.195	156	40679	20.193	ug/l		95
78) n-propylbenzene	11.304	91	208544	20.669	ug/l		99
79) 2-Chlorotoluene	11.365	91	120148	20.079	ug/l		96
80) 1,3,5-Trimethylbenzene	11.451	105	147957	20.784	ug/l		97
81) trans-1,4-Dichloro-2-b...	11.018	75	16712	20.072	ug/l		98
82) 4-Chlorotoluene	11.457	91	144550	20.415	ug/l		98
83) tert-Butylbenzene	11.713	119	139070	19.992	ug/l		100
84) 1,2,4-Trimethylbenzene	11.749	105	146294	20.611	ug/l		98
85) sec-Butylbenzene	11.890	105	183841	20.402	ug/l		99
86) p-Isopropyltoluene	12.006	119	151050	20.318	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	80335	19.854	ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	83535	20.221	ug/l		98
89) n-Butylbenzene	12.335	91	148260	20.024	ug/l		96
90) Hexachloroethane	12.536	117	24248	19.672	ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	78788	20.257	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	15680	21.419	ug/l		91
93) 1,2,4-Trichlorobenzene	13.585	180	52480	20.117	ug/l		98
94) Hexachlorobutadiene	13.725	225	20554	19.576	ug/l		99
95) Naphthalene	13.774	128	188390	20.737	ug/l		100
96) 1,2,3-Trichlorobenzene	13.956	180	52060	20.610	ug/l		98

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 Dadoda

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

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