

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090922\
 Data File : VX031246.D
 Acq On : 09 Sep 2022 10:41
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 09/12/2022

Supervised By :Mahesh
 Dadoda
 09/12/2022

Quant Time: Sep 09 15:25:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

Internal Standards							
1) Pentafluorobenzene	5.556	168	38468	50.000	ug/l	# 0.00	
34) 1,4-Difluorobenzene	6.763	114	60646	50.000	ug/l	0.00	
63) Chlorobenzene-d5	10.055	117	66737	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	12.024	152	43065	50.000	ug/l	0.00	
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.958	65	52691	57.855	ug/l	0.00	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.700%	
35) Dibromofluoromethane	5.391	113	33443	50.604	ug/l	0.00	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.200%	
50) Toluene-d8	8.647	98	106903	44.522	ug/l	0.00	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.040%	
62) 4-Bromofluorobenzene	11.079	95	46680	53.050	ug/l	0.00	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.100%	
Target Compounds							
2) Dichlorodifluoromethane	1.166	85	33633	54.405	ug/l	100	
3) Chloromethane	1.288	50	20032	42.169	ug/l	96	
4) Vinyl Chloride	1.374	62	25890	46.168	ug/l	93	
5) Bromomethane	1.611	94	19365	54.048	ug/l	94	
6) Chloroethane	1.685	64	17418	55.370	ug/l	96	
7) Trichlorofluoromethane	1.886	101	71941	58.874	ug/l	98	
8) Diethyl Ether	2.136	74	17948	51.712	ug/l	68	
9) 1,1,2-Trichlorotrifluo...	2.325	101	34228	49.534	ug/l	97	
10) Methyl Iodide	2.447	142	38360	44.894	ug/l	# 77	
11) Tert butyl alcohol	2.995	59	45955	285.794	ug/l	96	
12) 1,1-Dichloroethene	2.319	96	30542	47.025	ug/l	87	
13) Acrolein	2.239	56	28854	228.119	ug/l	97	
14) Allyl chloride	2.666	41	37885	43.421	ug/l	# 60	
15) Acrylonitrile	3.069	53	78992	227.780	ug/l	95	
16) Acetone	2.386	43	82417	261.354	ug/l	88	
17) Carbon Disulfide	2.508	76	75693	47.403	ug/l	100	
18) Methyl Acetate	2.709	43	36670	44.919	ug/l	# 85	
19) Methyl tert-butyl Ether	3.117	73	123936	53.726	ug/l	# 89	
20) Methylene Chloride	2.788	84	34211	46.158	ug/l	89	
21) trans-1,2-Dichloroethene	3.087	96	33043	45.917	ug/l	98	
22) Diisopropyl ether	3.764	45	79107	43.178	ug/l	# 94	
23) Vinyl Acetate	3.727	43	361563	235.114	ug/l	# 88	
24) 1,1-Dichloroethane	3.611	63	59752	49.169	ug/l	99	
25) 2-Butanone	4.562	43	107997	231.208	ug/l	# 88	
26) 2,2-Dichloropropane	4.471	77	64568	59.376	ug/l	89	
27) cis-1,2-Dichloroethene	4.489	96	38521	46.624	ug/l	94	
28) Bromochloromethane	4.898	49	20263	45.984	ug/l	# 67	
29) Tetrahydrofuran	5.013	42	58081	210.610	ug/l	# 68	
30) Chloroform	5.093	83	76212	53.018	ug/l	97	
31) Cyclohexane	5.471	56	46383	45.575	ug/l	# 85	
32) 1,1,1-Trichloroethane	5.385	97	80521	62.150	ug/l	96	
36) 1,1-Dichloropropene	5.690	75	52054	52.595	ug/l	94	
37) Ethyl Acetate	4.721	43	40766	46.430	ug/l	# 96	
38) Carbon Tetrachloride	5.678	117	69670	66.906	ug/l	96	
39) Methylcyclohexane	7.379	83	58220	51.506	ug/l	95	
40) Benzene	6.038	78	134061	49.863	ug/l	97	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.922	41	21636	47.127	ug/l	#	84
42) 1,2-Dichloroethane	6.086	62	71320	64.790	ug/l		90
43) Isopropyl Acetate	6.342	43	71696	51.792	ug/l	#	95
44) Trichloroethene	7.129	130	38243	50.603	ug/l		100
45) 1,2-Dichloropropane	7.428	63	29125	44.079	ug/l		100
46) Dibromomethane	7.580	93	29144	55.625	ug/l		93
47) Bromodichloromethane	7.824	83	63192	62.002	ug/l		94
48) Methyl methacrylate	7.696	41	35108	52.081	ug/l	#	80
49) 1,4-Dioxane	7.684	88	19121	1027.509	ug/l		93
51) 4-Methyl-2-Pentanone	8.574	43	201169	237.318	ug/l		91
52) Toluene	8.720	92	88351	49.822	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	65572	61.759	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	61828	54.241	ug/l		94
55) 1,1,2-Trichloroethane	9.153	97	36567	50.155	ug/l		95
56) Ethyl methacrylate	9.116	69	55698	51.854	ug/l	#	88
57) 1,3-Dichloropropane	9.311	76	63136	50.118	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	117297	231.703	ug/l	#	88
59) 2-Hexanone	9.433	43	160498	250.374	ug/l		95
60) Dibromochloromethane	9.525	129	46422	61.760	ug/l		99
61) 1,2-Dibromoethane	9.610	107	41722	51.496	ug/l		96
64) Tetrachloroethene	9.275	164	34562	49.748	ug/l		92
65) Chlorobenzene	10.079	112	98340	50.048	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	41860	54.541	ug/l		93
67) Ethyl Benzene	10.195	91	190523	53.506	ug/l		95
68) m/p-Xylenes	10.305	106	138459	104.896	ug/l		83
69) o-Xylene	10.640	106	69079	52.437	ug/l		86
70) Styrene	10.659	104	111982	53.008	ug/l	#	88
71) Bromoform	10.799	173	31282	61.174	ug/l	#	99
73) Isopropylbenzene	10.963	105	191740	51.273	ug/l		94
74) N-amyl acetate	10.842	43	56912	47.802	ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	52625	45.080	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	56698m	48.241	ug/l		
77) Bromobenzene	11.201	156	39788	48.954	ug/l		90
78) n-propylbenzene	11.305	91	221133	51.876	ug/l		96
79) 2-Chlorotoluene	11.366	91	139014	52.639	ug/l		90
80) 1,3,5-Trimethylbenzene	11.451	105	168330	53.542	ug/l		92
81) trans-1,4-Dichloro-2-b...	11.018	75	19225	52.751	ug/l	#	79
82) 4-Chlorotoluene	11.457	91	161683	52.916	ug/l		90
83) tert-Butylbenzene	11.713	119	157047	50.673	ug/l		87
84) 1,2,4-Trimethylbenzene	11.750	105	166176	54.370	ug/l		90
85) sec-Butylbenzene	11.890	105	198163	51.627	ug/l		98
86) p-Isopropyltoluene	12.012	119	166739	53.771	ug/l		90
87) 1,3-Dichlorobenzene	11.969	146	77319	51.186	ug/l		96
88) 1,4-Dichlorobenzene	12.043	146	77886	50.138	ug/l		94
89) n-Butylbenzene	12.335	91	149568	55.943	ug/l		97
90) Hexachloroethane	12.542	117	31580	59.272	ug/l		93
91) 1,2-Dichlorobenzene	12.335	146	74929	50.582	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17204	53.660	ug/l		75
93) 1,2,4-Trichlorobenzene	13.591	180	46135	53.258	ug/l		94
94) Hexachlorobutadiene	13.725	225	19720	53.609	ug/l		98
95) Naphthalene	13.774	128	176370	51.974	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	46551	52.782	ug/l		97

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

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