

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031648.D
 Acq On : 26 Sep 2022 13:32
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092622

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 27 01:52:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	64017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	99279	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70536	51.914	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.820%
35) Dibromofluoromethane	5.391	113	58059	49.081	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.160%
50) Toluene-d8	8.647	98	224992	52.463	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.920%
62) 4-Bromofluorobenzene	11.079	95	90639	57.664	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36177	46.435	ug/l	97
3) Chloromethane	1.288	50	36368	53.067	ug/l	98
4) Vinyl Chloride	1.368	62	50107	46.733	ug/l	99
5) Bromomethane	1.611	94	58453	62.202	ug/l	100
6) Chloroethane	1.685	64	64148	50.285	ug/l	95
7) Trichlorofluoromethane	1.886	101	125468	48.420	ug/l	98
8) Diethyl Ether	2.130	74	41673	55.841	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	37475	44.039	ug/l	91
10) Methyl Iodide	2.447	142	40670	48.759	ug/l	100
11) Tert butyl alcohol	3.014	59	47664	276.138	ug/l	95
12) 1,1-Dichloroethene	2.319	96	34385	52.771	ug/l	84
13) Acrolein	2.239	56	29934	384.139	ug/l	100
14) Allyl chloride	2.660	41	52176	46.602	ug/l	91
15) Acrylonitrile	3.069	53	113512	240.725	ug/l	99
16) Acetone	2.392	43	89617	287.732	ug/l	99
17) Carbon Disulfide	2.508	76	68910	48.247	ug/l	99
18) Methyl Acetate	2.703	43	57193	46.843	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	148978	49.298	ug/l	97
20) Methylene Chloride	2.788	84	42928	49.961	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	43641	46.390	ug/l	94
22) Diisopropyl ether	3.757	45	153710	53.344	ug/l #	83
23) Vinyl Acetate	3.721	43	623547	273.623	ug/l	95
24) 1,1-Dichloroethane	3.611	63	77633	46.732	ug/l	97
25) 2-Butanone	4.568	43	169561	261.449	ug/l	93
26) 2,2-Dichloropropane	4.477	77	65268	48.407	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	56251	48.823	ug/l	90
28) Bromochloromethane	4.904	49	40864	52.584	ug/l #	80
29) Tetrahydrofuran	5.013	42	112421	275.937	ug/l	88
30) Chloroform	5.093	83	105114	51.435	ug/l	94
31) Cyclohexane	5.471	56	64790	50.152	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	87337	51.599	ug/l	97
36) 1,1-Dichloropropene	5.696	75	65510	48.222	ug/l	98
37) Ethyl Acetate	4.721	43	69711	50.874	ug/l	97
38) Carbon Tetrachloride	5.684	117	76619	50.044	ug/l	97
39) Methylcyclohexane	7.379	83	73775	47.663	ug/l	92
40) Benzene	6.038	78	206382	49.463	ug/l	97

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41) Methacrylonitrile	4.928	41	36713	52.654	ug/l	92
42) 1,2-Dichloroethane	6.086	62	83132	51.518	ug/l	99
43) Isopropyl Acetate	6.342	43	115190	53.411	ug/l	97
44) Trichloroethene	7.129	130	55789	47.339	ug/l	91
45) 1,2-Dichloropropane	7.434	63	49324	48.709	ug/l	93
46) Dibromomethane	7.580	93	39985	49.168	ug/l	92
47) Bromodichloromethane	7.824	83	79681	54.297	ug/l	97
48) Methyl methacrylate	7.696	41	52459	55.309	ug/l	88
49) 1,4-Dioxane	7.702	88	25801	1123.278	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	380872	279.006	ug/l	96
52) Toluene	8.720	92	149292	53.678	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	86397	50.938	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	84522	55.422	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	62695	52.357	ug/l	99
56) Ethyl methacrylate	9.116	69	90313	58.948	ug/l	93
57) 1,3-Dichloropropane	9.311	76	100525	53.009	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	210823	279.455	ug/l	93
59) 2-Hexanone	9.433	43	289357	284.096	ug/l	93
60) Dibromochloromethane	9.525	129	71083	50.815	ug/l	99
61) 1,2-Dibromoethane	9.610	107	71542	58.856	ug/l	99
64) Tetrachloroethene	9.275	164	58724	45.167	ug/l	95
65) Chlorobenzene	10.079	112	168699	49.782	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	64553	52.942	ug/l	98
67) Ethyl Benzene	10.195	91	295710	51.297	ug/l	99
68) m/p-Xylenes	10.305	106	244835	105.703	ug/l	96
69) o-Xylene	10.640	106	120791	53.353	ug/l	96
70) Styrene	10.659	104	203832	55.310	ug/l	98
71) Bromoform	10.799	173	51383	49.082	ug/l #	99
73) Isopropylbenzene	10.963	105	316299	48.306	ug/l	99
74) N-amyl acetate	10.842	43	110434	51.993	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	104891	50.415	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	94160m	51.298	ug/l	
77) Bromobenzene	11.201	156	80619	48.432	ug/l	93
78) n-propylbenzene	11.305	91	367391	50.422	ug/l	99
79) 2-Chlorotoluene	11.366	91	221454	49.219	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	283006	50.987	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	27175	50.344	ug/l	94
82) 4-Chlorotoluene	11.457	91	262862	50.569	ug/l	98
83) tert-Butylbenzene	11.713	119	277209	51.790	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	282657	51.447	ug/l	99
85) sec-Butylbenzene	11.890	105	343339	50.473	ug/l	100
86) p-Isopropyltoluene	12.012	119	297038	50.636	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	158457	49.104	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	163188	48.312	ug/l	99
89) n-Butylbenzene	12.335	91	245108	51.150	ug/l	99
90) Hexachloroethane	12.542	117	47662	50.670	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	161826	50.076	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23129	55.478	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	92244	48.811	ug/l	98
94) Hexachlorobutadiene	13.725	225	34050	46.206	ug/l	99
95) Naphthalene	13.774	128	334199	52.942	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	94626	48.789	ug/l	99

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

