

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011024\
 Data File : VX039696.D
 Acq On : 10 Jan 2024 11:35
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Jan 11 03:31:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:21:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 01/11/2024
 Supervised By :Mahesh Dadoda 01/11/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	108247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195875	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	81649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	34884	19.238	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.480%#		
35) Dibromofluoromethane	5.385	113	25358	19.221	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.440%#		
50) Toluene-d8	8.647	98	96210	19.335	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	38.680%#		
62) 4-Bromofluorobenzene	11.079	95	35529	18.259	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	36.520%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28880	20.621	ug/l	97
3) Chloromethane	1.294	50	31235	19.528	ug/l	98
4) Vinyl Chloride	1.374	62	29821	19.756	ug/l	94
5) Bromomethane	1.605	94	19260	22.362	ug/l	95
6) Chloroethane	1.685	64	17166	20.044	ug/l	99
7) Trichlorofluoromethane	1.886	101	42317	19.434	ug/l	99
8) Diethyl Ether	2.136	74	15676	19.481	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	26698	19.777	ug/l	97
10) Methyl Iodide	2.453	142	26974	18.940	ug/l	92
11) Tert butyl alcohol	2.953	59	45473	96.337	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	26073	20.013	ug/l	93
13) Acrolein	2.233	56	28592	88.627	ug/l	100
14) Allyl chloride	2.666	41	49506	19.306	ug/l	97
15) Acrylonitrile	3.062	53	97114	99.602	ug/l	98
16) Acetone	2.373	43	102054	100.074	ug/l	93
17) Carbon Disulfide	2.514	76	71558	19.110	ug/l	98
18) Methyl Acetate	2.703	43	42878	20.097	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	89765	19.407	ug/l	97
20) Methylene Chloride	2.788	84	29890	19.377	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	27000	19.693	ug/l	96
22) Diisopropyl ether	3.757	45	97691	19.964	ug/l	93
23) Vinyl Acetate	3.721	43	460160	101.163	ug/l	99
24) 1,1-Dichloroethane	3.611	63	52676	19.567	ug/l	99
25) 2-Butanone	4.550	43	146168	99.739	ug/l	100
26) 2,2-Dichloropropane	4.477	77	41863	19.375	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	31169	19.821	ug/l	100
28) Bromochloromethane	4.903	49	23258	19.059	ug/l	93
29) Tetrahydrofuran	5.001	42	93986	99.639	ug/l	99
30) Chloroform	5.092	83	52067	19.592	ug/l	95
31) Cyclohexane	5.470	56	47750	19.953	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	44554	19.583	ug/l	98
36) 1,1-Dichloropropene	5.696	75	39877	19.418	ug/l	98
37) Ethyl Acetate	4.714	43	54241	19.799	ug/l	100
38) Carbon Tetrachloride	5.678	117	35941	19.109	ug/l	98
39) Methylcyclohexane	7.379	83	47957	19.448	ug/l	95
40) Benzene	6.037	78	115611	19.882	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	26971	20.132	ug/l	96
42) 1,2-Dichloroethane	6.086	62	43686	19.761	ug/l	100
43) Isopropyl Acetate	6.336	43	79241	19.717	ug/l	98
44) Trichloroethene	7.129	130	28115	19.728	ug/l	99
45) 1,2-Dichloropropane	7.427	63	30617	19.628	ug/l	97
46) Dibromomethane	7.580	93	21286	19.756	ug/l	96
47) Bromodichloromethane	7.824	83	38846	19.467	ug/l	98
48) Methyl methacrylate	7.690	41	39492	19.992	ug/l	98
49) 1,4-Dioxane	7.659	88	15689	410.455	ug/l #	98
51) 4-Methyl-2-Pentanone	8.567	43	278877	100.756	ug/l	97
52) Toluene	8.720	92	68598	19.751	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	40811	19.274	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	45763	19.656	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	29690	20.078	ug/l	97
56) Ethyl methacrylate	9.116	69	47871	20.002	ug/l	98
57) 1,3-Dichloropropane	9.305	76	50129	20.004	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	115353	101.969	ug/l	94
59) 2-Hexanone	9.427	43	224270	102.379	ug/l	98
60) Dibromochloromethane	9.518	129	27143	19.464	ug/l	99
61) 1,2-Dibromoethane	9.610	107	30586	19.974	ug/l	99
64) Tetrachloroethene	9.275	164	22093	19.219	ug/l	98
65) Chlorobenzene	10.079	112	73315	19.913	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	25139	20.052	ug/l	99
67) Ethyl Benzene	10.189	91	135699	19.852	ug/l	95
68) m/p-Xylenes	10.299	106	101765	40.482	ug/l	98
69) o-Xylene	10.640	106	48745	19.580	ug/l	94
70) Styrene	10.652	104	79005	19.427	ug/l	99
71) Bromoform	10.799	173	17823	18.933	ug/l #	97
73) Isopropylbenzene	10.963	105	129636	19.942	ug/l	100
74) N-amyl acetate	10.841	43	66866	19.733	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	49018	19.747	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	41800m	19.747	ug/l	
77) Bromobenzene	11.195	156	28729	19.849	ug/l	96
78) n-propylbenzene	11.305	91	157741	20.049	ug/l	97
79) 2-Chlorotoluene	11.366	91	93902	19.310	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	111604	20.214	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	12485	19.354	ug/l	99
82) 4-Chlorotoluene	11.451	91	106899	19.380	ug/l	99
83) tert-Butylbenzene	11.713	119	104616	19.847	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	109355	19.853	ug/l	99
85) sec-Butylbenzene	11.890	105	140083	20.473	ug/l	97
86) p-Isopropyltoluene	12.006	119	112154	20.509	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	54190	19.532	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	54002	18.845	ug/l	98
89) n-Butylbenzene	12.335	91	103336	19.564	ug/l	96
90) Hexachloroethane	12.536	117	18162	19.686	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	53543	19.520	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11788	19.380	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	31681	18.900	ug/l	99
94) Hexachlorobutadiene	13.725	225	13565	19.468	ug/l	100
95) Naphthalene	13.774	128	120556	19.537	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	32073	18.959	ug/l	98

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

