

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082224\
 Data File : VX043086.D
 Acq On : 22 Aug 2024 13:24
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 23 04:20:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 04:08:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	349013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	633303	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	533438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	245275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115540	20.140	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.280%#		
35) Dibromofluoromethane	5.385	113	88635	20.284	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.560%#		
50) Toluene-d8	8.647	98	326073	20.693	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.380%#		
62) 4-Bromofluorobenzene	11.079	95	107643	19.627	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	39.260%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	62974	20.166	ug/l	98
3) Chloromethane	1.300	50	92570	19.775	ug/l	95
4) Vinyl Chloride	1.374	62	103097	20.802	ug/l	96
5) Bromomethane	1.599	94	60096	20.340	ug/l	99
6) Chloroethane	1.672	64	54298	23.328	ug/l	99
7) Trichlorofluoromethane	1.867	101	168539	20.120	ug/l	99
8) Diethyl Ether	2.136	74	72058	19.894	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	83010	20.334	ug/l	99
10) Methyl Iodide	2.447	142	93865	21.705	ug/l	92
11) Tert butyl alcohol	2.995	59	115721	97.383	ug/l #	91
12) 1,1-Dichloroethene	2.312	96	83824	20.439	ug/l	93
13) Acrolein	2.239	56	46475	81.120	ug/l	99
14) Allyl chloride	2.660	41	155726	21.402	ug/l	96
15) Acrylonitrile	3.068	53	278429	99.813	ug/l	98
16) Acetone	2.392	43	274026	108.841	ug/l	95
17) Carbon Disulfide	2.501	76	213858	20.232	ug/l	99
18) Methyl Acetate	2.709	43	161020	20.149	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	307606	19.930	ug/l	98
20) Methylene Chloride	2.788	84	96436	19.777	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	85010	20.167	ug/l	94
22) Diisopropyl ether	3.763	45	319372	20.029	ug/l	91
23) Vinyl Acetate	3.721	43	1867541	104.549	ug/l	99
24) 1,1-Dichloroethane	3.605	63	172490	20.300	ug/l	99
25) 2-Butanone	4.568	43	395737	103.191	ug/l	98
26) 2,2-Dichloropropane	4.471	77	148122	20.588	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	107029	20.296	ug/l	94
28) Bromochloromethane	4.903	49	74097	19.122	ug/l	95
29) Tetrahydrofuran	5.013	42	256718	101.017	ug/l	99
30) Chloroform	5.092	83	168849	19.771	ug/l	92
31) Cyclohexane	5.464	56	143329	20.040	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	143166	19.793	ug/l	98
36) 1,1-Dichloropropene	5.690	75	113004	20.413	ug/l	99
37) Ethyl Acetate	4.721	43	152606	19.420	ug/l	99
38) Carbon Tetrachloride	5.678	117	115267	19.927	ug/l	96
39) Methylcyclohexane	7.379	83	142772	19.551	ug/l	92
40) Benzene	6.037	78	369030	20.483	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	79999	21.023	ug/l	93
42) 1,2-Dichloroethane	6.086	62	128520	19.894	ug/l	98
43) Isopropyl Acetate	6.342	43	244726	19.768	ug/l	98
44) Trichloroethene	7.129	130	83345	20.297	ug/l	100
45) 1,2-Dichloropropane	7.427	63	94731	20.857	ug/l	99
46) Dibromomethane	7.586	93	66013	19.844	ug/l	98
47) Bromodichloromethane	7.824	83	130251	19.830	ug/l	96
48) Methyl methacrylate	7.696	41	113726	20.734	ug/l	94
49) 1,4-Dioxane	7.671	88	46944	424.609	ug/l #	94
51) 4-Methyl-2-Pentanone	8.573	43	767625	103.184	ug/l	100
52) Toluene	8.720	92	221801	20.326	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	136964	20.536	ug/l	93
54) cis-1,3-Dichloropropene	8.366	75	145363	19.838	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	89116	20.194	ug/l	92
56) Ethyl methacrylate	9.116	69	149711	19.674	ug/l	96
57) 1,3-Dichloropropane	9.311	76	154049	20.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	362316	99.690	ug/l	98
59) 2-Hexanone	9.433	43	597056	104.405	ug/l	99
60) Dibromochloromethane	9.518	129	96149	19.754	ug/l	99
61) 1,2-Dibromoethane	9.610	107	88581	20.252	ug/l	99
64) Tetrachloroethene	9.275	164	71931	20.523	ug/l	96
65) Chlorobenzene	10.079	112	235230	20.115	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	79963	19.872	ug/l	96
67) Ethyl Benzene	10.195	91	413217	20.551	ug/l	99
68) m/p-Xylenes	10.299	106	312807	40.871	ug/l	98
69) o-Xylene	10.640	106	157334	20.248	ug/l	98
70) Styrene	10.658	104	259023	20.391	ug/l	98
71) Bromoform	10.799	173	65243	19.637	ug/l #	99
73) Isopropylbenzene	10.963	105	397654	20.763	ug/l	98
74) N-amyl acetate	10.841	43	204862	20.147	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	144272	20.275	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	114836m	20.105	ug/l	
77) Bromobenzene	11.195	156	88838	20.494	ug/l	99
78) n-propylbenzene	11.305	91	451434	20.948	ug/l	99
79) 2-Chlorotoluene	11.366	91	268978	19.908	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	322162	20.672	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	47754	19.378	ug/l	91
82) 4-Chlorotoluene	11.451	91	303624	20.120	ug/l	97
83) tert-Butylbenzene	11.713	119	328255	20.233	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	325639	20.853	ug/l	98
85) sec-Butylbenzene	11.890	105	407082	20.748	ug/l	100
86) p-Isopropyltoluene	12.006	119	330403	20.742	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	163562	20.020	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	163449	19.908	ug/l	99
89) n-Butylbenzene	12.329	91	286576	20.408	ug/l	97
90) Hexachloroethane	12.536	117	65454	19.788	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	166805	20.296	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	30517	19.717	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	89604	20.051	ug/l	96
94) Hexachlorobutadiene	13.725	225	33891	19.471	ug/l	98
95) Naphthalene	13.774	128	347814	19.905	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	91711	19.550	ug/l	98

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

