

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040413.D
 Acq On : 22 Feb 2024 22:19
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Feb 23 06:31:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:27:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/23/2024
 Supervised By : Mahesh Dadoda 02/23/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	82151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	144162	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	25751	19.247	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.500%#		
35) Dibromofluoromethane	5.379	113	18702	19.251	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.500%#		
50) Toluene-d8	8.647	98	67575	19.257	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	38.520%#		
62) 4-Bromofluorobenzene	11.079	95	26340	18.732	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.460%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19136	19.325	ug/l	94
3) Chloromethane	1.294	50	22080	19.725	ug/l	100
4) Vinyl Chloride	1.374	62	22162	19.849	ug/l	98
5) Bromomethane	1.599	94	13024	19.828	ug/l	92
6) Chloroethane	1.679	64	13394	19.905	ug/l	97
7) Trichlorofluoromethane	1.880	101	35088	19.697	ug/l	100
8) Diethyl Ether	2.136	74	12874	20.231	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	17751	18.859	ug/l	98
10) Methyl Iodide	2.453	142	22776	20.796	ug/l	95
11) Tert butyl alcohol	2.959	59	25681	99.302	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	18143	19.985	ug/l	87
13) Acrolein	2.233	56	30149	97.438	ug/l	96
14) Allyl chloride	2.660	41	33552	20.011	ug/l	97
15) Acrylonitrile	3.062	53	63120	104.103	ug/l	98
16) Acetone	2.380	43	57063	102.362	ug/l	95
17) Carbon Disulfide	2.508	76	47400	18.991	ug/l	96
18) Methyl Acetate	2.703	43	28776	19.928	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	67470	20.844	ug/l	99
20) Methylene Chloride	2.788	84	22528	19.300	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	19833	19.361	ug/l	94
22) Diisopropyl ether	3.764	45	69263	20.899	ug/l	88
23) Vinyl Acetate	3.721	43	31552	104.327	ug/l	98
24) 1,1-Dichloroethane	3.611	63	38899	20.297	ug/l	99
25) 2-Butanone	4.556	43	91903	105.745	ug/l	100
26) 2,2-Dichloropropane	4.471	77	23968	19.160	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	23340	20.446	ug/l	98
28) Bromochloromethane	4.904	49	16691	18.672	ug/l	98
29) Tetrahydrofuran	5.001	42	60861	105.196	ug/l	99
30) Chloroform	5.099	83	41058	19.877	ug/l	97
31) Cyclohexane	5.471	56	31398	19.575	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	33545	19.617	ug/l	97
36) 1,1-Dichloropropene	5.696	75	29151	19.389	ug/l	98
37) Ethyl Acetate	4.715	43	35060	20.411	ug/l	98
38) Carbon Tetrachloride	5.672	117	27152	19.520	ug/l	95
39) Methylcyclohexane	7.379	83	32050	20.115	ug/l	94
40) Benzene	6.038	78	81786	19.996	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18413m	20.187	ug/l	
42) 1,2-Dichloroethane	6.086	62	34454	20.269	ug/l	99
43) Isopropyl Acetate	6.342	43	54276	20.593	ug/l	98
44) Trichloroethene	7.129	130	21078	19.704	ug/l	97
45) 1,2-Dichloropropane	7.428	63	22025	20.178	ug/l	98
46) Dibromomethane	7.580	93	16548	20.207	ug/l	99
47) Bromodichloromethane	7.824	83	30464	19.988	ug/l	99
48) Methyl methacrylate	7.690	41	27713	21.232	ug/l	95
49) 1,4-Dioxane	7.659	88	11455	435.392	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	187924	104.979	ug/l	99
52) Toluene	8.720	92	51073	20.376	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	30108	19.594	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	32819	20.050	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	21998	20.497	ug/l	93
56) Ethyl methacrylate	9.116	69	33828	20.629	ug/l	96
57) 1,3-Dichloropropane	9.305	76	37956	20.301	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	81945	99.658	ug/l	95
59) 2-Hexanone	9.427	43	148204	107.348	ug/l	98
60) Dibromochloromethane	9.519	129	21615	20.085	ug/l	98
61) 1,2-Dibromoethane	9.610	107	23187	20.101	ug/l	99
64) Tetrachloroethene	9.275	164	19679	19.891	ug/l	97
65) Chlorobenzene	10.079	112	54032	19.849	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	18844	19.795	ug/l	95
67) Ethyl Benzene	10.195	91	103619	20.292	ug/l	97
68) m/p-Xylenes	10.299	106	76104	40.871	ug/l	95
69) o-Xylene	10.640	106	37037	20.123	ug/l	95
70) Styrene	10.653	104	61436	20.249	ug/l	98
71) Bromoform	10.799	173	14731	19.141	ug/l #	97
73) Isopropylbenzene	10.963	105	97892	20.501	ug/l	99
74) N-amyl acetate	10.842	43	45887	20.713	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	35849	21.002	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31383m	20.914	ug/l	
77) Bromobenzene	11.195	156	23207	19.891	ug/l	97
78) n-propylbenzene	11.305	91	121132	20.538	ug/l	96
79) 2-Chlorotoluene	11.366	91	71876	20.419	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	83723	20.639	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	7875	18.261	ug/l	96
82) 4-Chlorotoluene	11.451	91	83335	20.200	ug/l	100
83) tert-Butylbenzene	11.713	119	78377	20.498	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	84246	20.583	ug/l	98
85) sec-Butylbenzene	11.890	105	102762	20.188	ug/l	98
86) p-Isopropyltoluene	12.006	119	83128	20.440	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	44999	20.166	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	45892	19.837	ug/l	98
89) n-Butylbenzene	12.335	91	79792	19.940	ug/l	95
90) Hexachloroethane	12.536	117	12396	19.032	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	44230	20.497	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8380	21.529	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	27778	19.995	ug/l	97
94) Hexachlorobutadiene	13.725	225	10575	21.018	ug/l	98
95) Naphthalene	13.774	128	92366	20.719	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	27476	20.542	ug/l	99

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

