

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040414.D
 Acq On : 22 Feb 2024 22:42
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Feb 23 06:32:21 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	81057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	142319	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64514	48.871	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.740%		
35) Dibromofluoromethane	5.385	113	48234	50.293	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.580%		
50) Toluene-d8	8.647	98	173948	50.213	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.420%		
62) 4-Bromofluorobenzene	11.079	95	67193	48.404	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51910	53.130	ug/l	95
3) Chloromethane	1.294	50	55073	49.862	ug/l	95
4) Vinyl Chloride	1.374	62	55933	50.773	ug/l	100
5) Bromomethane	1.599	94	35933	55.444	ug/l	99
6) Chloroethane	1.678	64	33902	51.061	ug/l	98
7) Trichlorofluoromethane	1.886	101	87447	49.753	ug/l	98
8) Diethyl Ether	2.136	74	31207	49.704	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	46030	49.562	ug/l	99
10) Methyl Iodide	2.453	142	57052	52.795	ug/l	96
11) Tert butyl alcohol	2.959	59	62918	246.571	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	44051	49.177	ug/l	99
13) Acrolein	2.233	56	77595	254.163	ug/l	98
14) Allyl chloride	2.660	41	82979	50.159	ug/l	97
15) Acrylonitrile	3.062	53	152459	254.841	ug/l	99
16) Acetone	2.380	43	133531	242.767	ug/l	96
17) Carbon Disulfide	2.508	76	123815	50.277	ug/l	99
18) Methyl Acetate	2.703	43	74625	52.377	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	162482	50.873	ug/l	99
20) Methylene Chloride	2.788	84	52592	45.665	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	49800	49.271	ug/l	95
22) Diisopropyl ether	3.763	45	169080	51.706	ug/l	89
23) Vinyl Acetate	3.721	43	775304	259.790	ug/l	100
24) 1,1-Dichloroethane	3.611	63	95347	50.421	ug/l	100
25) 2-Butanone	4.550	43	218771	255.118	ug/l	98
26) 2,2-Dichloropropane	4.477	77	61763	50.040	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	56734	50.370	ug/l	97
28) Bromochloromethane	4.897	49	42024	47.646	ug/l	99
29) Tetrahydrofuran	5.001	42	146732	257.045	ug/l	100
30) Chloroform	5.099	83	100187	49.157	ug/l	98
31) Cyclohexane	5.470	56	79131	49.999	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	85107	50.441	ug/l	99
36) 1,1-Dichloropropene	5.690	75	71753	48.344	ug/l	99
37) Ethyl Acetate	4.714	43	84206	49.657	ug/l	98
38) Carbon Tetrachloride	5.678	117	69715	50.767	ug/l	96
39) Methylcyclohexane	7.379	83	80024	50.873	ug/l	97
40) Benzene	6.037	78	204078	50.542	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46763	51.933	ug/l	97
42) 1,2-Dichloroethane	6.086	62	86767	51.706	ug/l	99
43) Isopropyl Acetate	6.336	43	132973	51.104	ug/l	98
44) Trichloroethene	7.129	130	53460	50.623	ug/l	97
45) 1,2-Dichloropropane	7.434	63	54460	50.539	ug/l	100
46) Dibromomethane	7.580	93	40198	49.722	ug/l	99
47) Bromodichloromethane	7.824	83	77232	51.330	ug/l	94
48) Methyl methacrylate	7.690	41	68405	53.085	ug/l	93
49) 1,4-Dioxane	7.659	88	28451	1095.395	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	457577	258.925	ug/l	98
52) Toluene	8.720	92	128469	51.918	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	78252	51.586	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	85053	52.634	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	53517	50.511	ug/l	93
56) Ethyl methacrylate	9.116	69	84888	52.436	ug/l	96
57) 1,3-Dichloropropane	9.305	76	91332	49.482	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	215605	265.605	ug/l	94
59) 2-Hexanone	9.427	43	354477	260.081	ug/l	99
60) Dibromochloromethane	9.518	129	55926	52.640	ug/l	99
61) 1,2-Dibromoethane	9.610	107	58115	51.032	ug/l	99
64) Tetrachloroethene	9.275	164	47458	48.796	ug/l	99
65) Chlorobenzene	10.079	112	136427	50.979	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	49159	52.528	ug/l	98
67) Ethyl Benzene	10.195	91	255989	50.992	ug/l	100
68) m/p-Xylenes	10.299	106	191123	104.407	ug/l	96
69) o-Xylene	10.640	106	92930	51.359	ug/l	94
70) Styrene	10.652	104	158624	53.181	ug/l	99
71) Bromoform	10.799	173	40229	53.171	ug/l #	100
73) Isopropylbenzene	10.963	105	248148	51.920	ug/l	100
74) N-amyl acetate	10.841	43	120441	54.313	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	89662	52.478	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	75179m	50.052	ug/l	
77) Bromobenzene	11.195	156	59152	50.650	ug/l	97
78) n-propylbenzene	11.305	91	307331	52.057	ug/l	98
79) 2-Chlorotoluene	11.366	91	178810	50.748	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	213231	52.514	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	22125	51.254	ug/l	97
82) 4-Chlorotoluene	11.457	91	209078	50.631	ug/l	99
83) tert-Butylbenzene	11.713	119	197155	51.513	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	214580	52.375	ug/l	99
85) sec-Butylbenzene	11.890	105	263621	51.741	ug/l	99
86) p-Isopropyltoluene	12.006	119	214240	52.627	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	112269	50.263	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	113977	49.220	ug/l	99
89) n-Butylbenzene	12.335	91	205547	51.318	ug/l	96
90) Hexachloroethane	12.536	117	34739	53.284	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	108673	50.312	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21350	54.796	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	72100	51.849	ug/l	97
94) Hexachlorobutadiene	13.725	225	27323	54.252	ug/l	98
95) Naphthalene	13.774	128	240003	53.784	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	69707	52.065	ug/l	98

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

