Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
Data File : VX034871.D
Acq On : 31 Mar 2023 12:30
Operator : JC/MD
Sample : VX0331WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 01 05:22:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD02

Manual Integrations APPROVED

Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	230064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	382028	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	170918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	176377	50.129	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.260%			
35) Dibromofluoromethane	5.379	113	129433	51.224	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.440%			
50) Toluene-d8	8.647	98	489846	52.521	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.040%			
62) 4-Bromofluorobenzene	11.079	95	184916	51.235	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	47343	20.632	ug/l	99
3) Chloromethane	1.295	50	57873	20.144	ug/l	98
4) Vinyl Chloride	1.374	62	58895	20.704	ug/l	98
5) Bromomethane	1.618	94	39304	21.263	ug/l	99
6) Chloroethane	1.691	64	38292	20.690	ug/l	98
7) Trichlorofluoromethane	1.886	101	97880	21.403	ug/l	95
8) Diethyl Ether	2.130	74	33943	21.053	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	50382	21.078	ug/l	98
10) Methyl Iodide	2.453	142	59172	19.879	ug/l	96
11) Tert butyl alcohol	2.995	59	59482m	96.353	ug/l	
12) 1,1-Dichloroethene	2.319	96	46671	19.760	ug/l	89
13) Acrolein	2.240	56	62839	98.883	ug/l	100
14) Allyl chloride	2.666	41	90178	19.489	ug/l	94
15) Acrylonitrile	3.063	53	140292	100.960	ug/l	98
16) Acetone	2.386	43	143841	100.635	ug/l	94
17) Carbon Disulfide	2.514	76	109405	18.495	ug/l	99
18) Methyl Acetate	2.703	43	103188	20.319	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	174740	19.983	ug/l	98
20) Methylene Chloride	2.788	84	56870	20.163	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	51691	20.067	ug/l	95
22) Diisopropyl ether	3.758	45	192012	20.566	ug/l	95
23) Vinyl Acetate	3.721	43	695417	104.438	ug/l	98
24) 1,1-Dichloroethane	3.611	63	101414	20.188	ug/l	99
25) 2-Butanone	4.556	43	209059	100.550	ug/l	99
26) 2,2-Dichloropropane	4.471	77	78827	19.081	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	60917	19.958	ug/l	98
28) Bromochloromethane	4.891	49	53050	21.589	ug/l	96
29) Tetrahydrofuran	5.007	42	131260	100.776	ug/l	99
30) Chloroform	5.087	83	101353	19.864	ug/l	97
31) Cyclohexane	5.471	56	91671	21.397	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	85541	19.646	ug/l	97
36) 1,1-Dichloropropene	5.690	75	75804	20.249	ug/l	99
37) Ethyl Acetate	4.709	43	78501	20.055	ug/l	99
38) Carbon Tetrachloride	5.672	117	70122	19.868	ug/l	98
39) Methylcyclohexane	7.379	83	83684	21.051	ug/l	95
40) Benzene	6.038	78	220602	20.528	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	44492	20.900	ug/l		96
42) 1,2-Dichloroethane	6.086	62	87038	20.373	ug/l		99
43) Isopropyl Acetate	6.336	43	133426	20.374	ug/l		99
44) Trichloroethene	7.123	130	56365	20.547	ug/l		100
45) 1,2-Dichloropropane	7.428	63	58070	20.737	ug/l		97
46) Dibromomethane	7.580	93	39182	20.336	ug/l		100
47) Bromodichloromethane	7.818	83	71241	20.017	ug/l		100
48) Methyl methacrylate	7.690	41	65825	20.467	ug/l		96
49) 1,4-Dioxane	7.702	88	27827	419.856	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	410872	106.010	ug/l		98
52) Toluene	8.720	92	137321	19.598	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	75175	19.635	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	86000	20.526	ug/l		96
55) 1,1,2-Trichloroethane	9.153	97	54972	20.729	ug/l		98
56) Ethyl methacrylate	9.116	69	85967	20.690	ug/l		96
57) 1,3-Dichloropropane	9.305	76	99471	21.180	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	216747	102.452	ug/l		100
59) 2-Hexanone	9.427	43	313755	107.030	ug/l		97
60) Dibromochloromethane	9.519	129	52151	20.644	ug/l		96
61) 1,2-Dibromoethane	9.610	107	56984	20.664	ug/l		99
64) Tetrachloroethene	9.275	164	49945	20.221	ug/l		99
65) Chlorobenzene	10.080	112	146305	20.374	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	50433	20.425	ug/l		98
67) Ethyl Benzene	10.195	91	269031	20.681	ug/l		97
68) m/p-Xylenes	10.299	106	204767	41.208	ug/l		98
69) o-Xylene	10.640	106	100598	20.665	ug/l		100
70) Styrene	10.653	104	162850	20.956	ug/l		100
71) Bromoform	10.799	173	31464	18.735	ug/l	#	100
73) Isopropylbenzene	10.964	105	256941	20.523	ug/l		99
74) N-amyl acetate	10.842	43	116018	20.610	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.214	83	82880	20.198	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	68993m	20.034	ug/l		
77) Bromobenzene	11.195	156	61358	19.779	ug/l		99
78) n-propylbenzene	11.305	91	303237	20.967	ug/l		99
79) 2-Chlorotoluene	11.366	91	183474	20.092	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	214565	20.497	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	18757	16.323	ug/l	#	79
82) 4-Chlorotoluene	11.451	91	215469	20.319	ug/l		99
83) tert-Butylbenzene	11.713	119	202542	20.605	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	215845	20.276	ug/l		99
85) sec-Butylbenzene	11.890	105	250537	20.950	ug/l		98
86) p-Isopropyltoluene	12.006	119	208474	20.907	ug/l		99
87) 1,3-Dichlorobenzene	11.970	146	115688	20.477	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	119726	20.291	ug/l		99
89) n-Butylbenzene	12.335	91	183318	21.042	ug/l		98
90) Hexachloroethane	12.536	117	30567	19.785	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	117064	20.689	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16558	19.332	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	68788	21.495	ug/l		99
94) Hexachlorobutadiene	13.725	225	27861	19.794	ug/l		99
95) Naphthalene	13.774	128	239765	21.086	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	68485	21.221	ug/l		98

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

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

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