Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
Data File : VX037376.D
Acq On : 30 Aug 2023 09:11
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 31 07:46:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :

Manual Integrations APPROVED

Reviewed By :John Carlone

08/31/2023
Supervised By :Mahesh Gadoda

09/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.544	168	141245	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	243738	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	233399	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123314	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.952	65	100388	49.299	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117			Recovery = 98.600%			
35) Dibromofluoromethane	5.379	113	85184	52.771	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124			Recovery = 105.540%			
50) Toluene-d8	8.647	98	294591	50.311	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112			Recovery = 100.620%			
62) 4-Bromofluorobenzene	11.079	95	125942	54.732	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123			Recovery = 109.460%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	83570	50.935	ug/l		99
3) Chloromethane	1.300	50	80814	56.301	ug/l		98
4) Vinyl Chloride	1.374	62	81362	52.074	ug/l		100
5) Bromomethane	1.599	94	35739	45.921	ug/l		100
6) Chloroethane	1.672	64	46302	50.360	ug/l		100
7) Trichlorofluoromethane	1.880	101	127537	49.831	ug/l		99
8) Diethyl Ether	2.130	74	52881	53.405	ug/l		76
9) 1,1,2-Trichlorotrifluo...	2.325	101	74977	50.216	ug/l		97
10) Methyl Iodide	2.447	142	83791	46.174	ug/l		93
11) Tert butyl alcohol	2.965	59	112657	235.847	ug/l	#	93
12) 1,1-Dichloroethene	2.312	96	70135	48.237	ug/l		85
13) Acrolein	2.233	56	54336	149.528	ug/l		99
14) Allyl chloride	2.660	41	114322	50.799	ug/l	#	89
15) Acrylonitrile	3.062	53	232844	273.106	ug/l		99
16) Acetone	2.379	43	231555	290.672	ug/l	#	88
17) Carbon Disulfide	2.507	76	165563	44.766	ug/l		100
18) Methyl Acetate	2.703	43	152510	50.846	ug/l	#	86
19) Methyl tert-butyl Ether	3.111	73	285188	51.717	ug/l		97
20) Methylene Chloride	2.788	84	90857	51.001	ug/l	#	84
21) trans-1,2-Dichloroethene	3.087	96	80120	48.474	ug/l		89
22) Diisopropyl ether	3.757	45	238520	51.649	ug/l	#	85
23) Vinyl Acetate	3.715	43	925100	261.409	ug/l	#	90
24) 1,1-Dichloroethane	3.605	63	146583	50.616	ug/l		97
25) 2-Butanone	4.550	43	320455	267.164	ug/l	#	88
26) 2,2-Dichloropropane	4.471	77	130215	50.348	ug/l		97
27) cis-1,2-Dichloroethene	4.483	96	99899	51.269	ug/l		88
28) Bromochloromethane	4.891	49	67874	52.466	ug/l	#	76
29) Tetrahydrofuran	5.001	42	193024	252.339	ug/l	#	82
30) Chloroform	5.086	83	163434	50.273	ug/l		98
31) Cyclohexane	5.464	56	114617	50.059	ug/l		87
32) 1,1,1-Trichloroethane	5.379	97	139727	47.963	ug/l		96
36) 1,1-Dichloropropene	5.690	75	109105	47.574	ug/l		96
37) Ethyl Acetate	4.708	43	117858	50.309	ug/l	#	93
38) Carbon Tetrachloride	5.672	117	121098	48.610	ug/l		98
39) Methylcyclohexane	7.379	83	136379	56.600	ug/l		90
40) Benzene	6.031	78	342814	52.120	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	65249	53.577	ug/l	#	89
42) 1,2-Dichloroethane	6.080	62	129127	50.062	ug/l		94
43) Isopropyl Acetate	6.336	43	189572	50.970	ug/l	#	90
44) Trichloroethene	7.123	130	90415	48.479	ug/l		98
45) 1,2-Dichloropropane	7.427	63	86440	53.299	ug/l		97
46) Dibromomethane	7.580	93	68179	53.364	ug/l		93
47) Bromodichloromethane	7.818	83	128638	52.567	ug/l		98
48) Methyl methacrylate	7.689	41	93861	51.748	ug/l	#	83
49) 1,4-Dioxane	7.653	88	52707	1078.967	ug/l	#	87
51) 4-Methyl-2-Pentanone	8.573	43	602737	266.879	ug/l		89
52) Toluene	8.714	92	226104	52.028	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	142308	54.616	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	151604	53.842	ug/l	#	84
55) 1,1,2-Trichloroethane	9.153	97	98418	55.616	ug/l		99
56) Ethyl methacrylate	9.116	69	152317	54.952	ug/l	#	83
57) 1,3-Dichloropropane	9.305	76	160503	53.804	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	342723	257.652	ug/l		92
59) 2-Hexanone	9.427	43	474247	275.401	ug/l		86
60) Dibromochloromethane	9.518	129	105970	56.245	ug/l		99
61) 1,2-Dibromoethane	9.610	107	105559	54.483	ug/l		99
64) Tetrachloroethene	9.268	164	73823	43.357	ug/l		96
65) Chlorobenzene	10.079	112	251420	50.967	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	96833	53.186	ug/l		99
67) Ethyl Benzene	10.195	91	435898	50.218	ug/l		98
68) m/p-Xylenes	10.299	106	347291	103.605	ug/l		97
69) o-Xylene	10.640	106	172863	52.269	ug/l		99
70) Styrene	10.652	104	295659	54.272	ug/l		97
71) Bromoform	10.799	173	77484	56.895	ug/l	#	99
73) Isopropylbenzene	10.963	105	443242	49.452	ug/l		98
74) N-amyl acetate	10.841	43	171968	49.378	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	156974	52.003	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	132845m	50.585	ug/l		
77) Bromobenzene	11.195	156	110888	50.656	ug/l		91
78) n-propylbenzene	11.305	91	506944	50.793	ug/l		99
79) 2-Chlorotoluene	11.366	91	318989	50.014	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	388486	51.959	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	49679	52.836	ug/l		85
82) 4-Chlorotoluene	11.451	91	369109	50.135	ug/l		97
83) tert-Butylbenzene	11.713	119	385936	54.124	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	394578	52.218	ug/l		97
85) sec-Butylbenzene	11.890	105	469805	56.407	ug/l		99
86) p-Isopropyltoluene	12.006	119	401279	55.968	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	211441	51.592	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	213265	50.367	ug/l		99
89) n-Butylbenzene	12.329	91	336963	56.686	ug/l		99
90) Hexachloroethane	12.536	117	71038	59.361	ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	211737	52.761	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35635	50.807	ug/l		79
93) 1,2,4-Trichlorobenzene	13.585	180	129876	55.309	ug/l		97
94) Hexachlorobutadiene	13.725	225	53039	58.468	ug/l		98
95) Naphthalene	13.774	128	464745	45.182	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	129466	55.495	ug/l		99

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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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