Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
Data File : VN081844.D
Acq On : 25 Apr 2024 11:43
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 26 04:58:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 04:43:00 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :John Carlone 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.224	168	236116	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.100	114	453937	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.865	117	387461	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156409	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.577	65	32878	8.250	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	16.500%#			
35) Dibromofluoromethane	8.171	113	21136	7.733	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	15.460%#			
50) Toluene-d8	10.571	98	85134	7.931	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	15.860%#			
62) 4-Bromofluorobenzene	12.853	95	32386	7.632	ug/l		0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	15.260%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.124	85	32252	9.731	ug/l		94
3) Chloromethane	2.359	50	33731	9.755	ug/l		94
4) Vinyl Chloride	2.512	62	32060	10.243	ug/l		94
5) Bromomethane	2.965	94	17176	8.683	ug/l	#	77
6) Chloroethane	3.130	64	15413	9.743	ug/l		94
7) Trichlorofluoromethane	3.501	101	47909	9.895	ug/l		91
8) Diethyl Ether	3.965	74	21009	10.214	ug/l		75
9) 1,1,2-Trichlorotrifluo...	4.377	101	28622	10.182	ug/l		93
10) Methyl Iodide	4.595	142	21895	8.893	ug/l	#	89
11) Tert butyl alcohol	5.524	59	38805	53.566	ug/l	#	71
12) 1,1-Dichloroethene	4.348	96	30207	10.563	ug/l		85
13) Acrolein	4.177	56	30139	47.399	ug/l		99
14) Allyl chloride	5.024	41	59767	9.880	ug/l	#	85
15) Acrylonitrile	5.724	53	83758	48.149	ug/l		98
16) Acetone	4.424	43	65925	51.641	ug/l		97
17) Carbon Disulfide	4.712	76	82073	9.548	ug/l		99
18) Methyl Acetate	5.024	43	43783	10.847	ug/l	#	89
19) Methyl tert-butyl Ether	5.794	73	109689	10.165	ug/l		92
20) Methylene Chloride	5.271	84	34076	9.978	ug/l		95
21) trans-1,2-Dichloroethene	5.789	96	30296	9.716	ug/l		88
22) Diisopropyl ether	6.671	45	119187	10.182	ug/l	#	93
23) Vinyl Acetate	6.600	43	489741m	51.493	ug/l		
24) 1,1-Dichloroethane	6.571	63	62335	10.231	ug/l		98
25) 2-Butanone	7.483	43	113582	50.218	ug/l		92
26) 2,2-Dichloropropane	7.494	77	56009	9.993	ug/l		99
27) cis-1,2-Dichloroethene	7.483	96	36592	10.043	ug/l		82
28) Bromochloromethane	7.812	49	28084	9.699	ug/l	#	71
29) Tetrahydrofuran	7.836	42	82668	50.968	ug/l		87
30) Chloroform	7.965	83	59197	9.802	ug/l		95
31) Cyclohexane	8.253	56	62072	10.340	ug/l		95
32) 1,1,1-Trichloroethane	8.171	97	53988	10.025	ug/l		96
36) 1,1-Dichloropropene	8.377	75	42520	9.563	ug/l		95
37) Ethyl Acetate	7.565	43	46643	9.702	ug/l	#	94
38) Carbon Tetrachloride	8.365	117	42352	9.746	ug/l		89
39) Methylcyclohexane	9.594	83	51956	9.621	ug/l	#	82
40) Benzene	8.606	78	136323	10.213	ug/l		97

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Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.777	41	31825	10.375 ug/l	#	86
42) 1,2-Dichloroethane	8.671	62	47906	9.665 ug/l		98
43) Isopropyl Acetate	8.688	43	88880	9.832 ug/l		95
44) Trichloroethene	9.353	130	30472	9.902 ug/l		91
45) 1,2-Dichloropropane	9.624	63	33978	9.727 ug/l		91
46) Dibromomethane	9.712	93	22654	9.383 ug/l		92
47) Bromodichloromethane	9.888	83	49394	9.700 ug/l	#	94
48) Methyl methacrylate	9.682	41	43484	10.077 ug/l	#	85
49) 1,4-Dioxane	9.694	88	13139	200.324 ug/l	#	67
51) 4-Methyl-2-Pentanone	10.447	43	256970	50.498 ug/l		91
52) Toluene	10.629	92	78739	9.850 ug/l		96
53) t-1,3-Dichloropropene	10.835	75	55156	9.955 ug/l		91
54) cis-1,3-Dichloropropene	10.312	75	57923	10.144 ug/l	#	81
55) 1,1,2-Trichloroethane	11.018	97	30928	9.838 ug/l		92
56) Ethyl methacrylate	10.876	69	59473	9.935 ug/l	#	86
57) 1,3-Dichloropropane	11.165	76	54253	9.707 ug/l		95
58) 2-Chloroethyl Vinyl ether	10.159	63	148439	54.433 ug/l		91
59) 2-Hexanone	11.194	43	194601	51.386 ug/l		94
60) Dibromochloromethane	11.359	129	34044	10.224 ug/l		96
61) 1,2-Dibromoethane	11.471	107	30102	10.013 ug/l		97
64) Tetrachloroethene	11.106	164	28586	10.158 ug/l		89
65) Chlorobenzene	11.894	112	83089	9.820 ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	28567	10.388 ug/l		97
67) Ethyl Benzene	11.965	91	158811	10.092 ug/l		97
68) m/p-Xylenes	12.076	106	109795	19.561 ug/l		84
69) o-Xylene	12.400	106	54845	10.008 ug/l		87
70) Styrene	12.412	104	93591	9.873 ug/l	#	91
71) Bromoform	12.576	173	20526	9.494 ug/l	#	100
73) Isopropylbenzene	12.694	105	140842	10.128 ug/l		99
74) N-amyl acetate	12.494	43	77709	10.037 ug/l		92
75) 1,1,2,2-Tetrachloroethane	12.935	83	41065	9.834 ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	39732m	9.777 ug/l		
77) Bromobenzene	12.982	156	29042	9.980 ug/l		66
78) n-propylbenzene	13.035	91	170910	10.118 ug/l		95
79) 2-Chlorotoluene	13.123	91	106437	9.904 ug/l		92
80) 1,3,5-Trimethylbenzene	13.176	105	119444	10.150 ug/l		95
81) trans-1,4-Dichloro-2-b...	12.741	75	20240	10.227 ug/l	#	91
82) 4-Chlorotoluene	13.223	91	107581	10.311 ug/l		89
83) tert-Butylbenzene	13.435	119	104205	10.634 ug/l		93
84) 1,2,4-Trimethylbenzene	13.482	105	118724	10.103 ug/l		96
85) sec-Butylbenzene	13.617	105	139353	10.095 ug/l		95
86) p-Isopropyltoluene	13.729	119	113511	10.241 ug/l		94
87) 1,3-Dichlorobenzene	13.735	146	52534	9.675 ug/l		97
88) 1,4-Dichlorobenzene	13.812	146	55114	10.308 ug/l		93
89) n-Butylbenzene	14.053	91	102426	9.928 ug/l		97
90) Hexachloroethane	14.335	117	22099	10.136 ug/l		97
91) 1,2-Dichlorobenzene	14.106	146	53487	10.276 ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10070	9.905 ug/l		83
93) 1,2,4-Trichlorobenzene	15.388	180	29393	10.094 ug/l		97
94) Hexachlorobutadiene	15.500	225	11261	10.491 ug/l		93
95) Naphthalene	15.641	128	112020	10.180 ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	27611	9.875 ug/l		93

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

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