Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
Data File : VN081465.D
Acq On : 19 Mar 2024 12:59
Operator : JC\MD
Sample : VN0319WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

Quant Time: Mar 20 01:15:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	413783	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	706679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	616584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	290769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	260999	49.461	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.920%		
35) Dibromofluoromethane	8.165	113	221053	49.565	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.120%		
50) Toluene-d8	10.565	98	792430	49.153	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.300%		
62) 4-Bromofluorobenzene	12.847	95	266415	46.898	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	93.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	101257	18.174	ug/l	96
3) Chloromethane	2.360	50	100266	18.075	ug/l #	88
4) Vinyl Chloride	2.518	62	110227	17.706	ug/l	100
5) Bromomethane	2.971	94	78930	17.927	ug/l	95
6) Chloroethane	3.124	64	76241	17.836	ug/l	91
7) Trichlorofluoromethane	3.501	101	171643	18.499	ug/l	95
8) Diethyl Ether	3.959	74	61912	20.163	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	98542	18.692	ug/l #	89
10) Methyl Iodide	4.595	142	98111	18.688	ug/l	99
11) Tert butyl alcohol	5.518	59	73104	79.497	ug/l #	84
12) 1,1-Dichloroethene	4.342	96	89385	18.304	ug/l	86
13) Acrolein	4.177	56	82694	100.215	ug/l	98
14) Allyl chloride	5.024	41	107090	17.501	ug/l #	77
15) Acrylonitrile	5.718	53	218871	88.968	ug/l	98
16) Acetone	4.424	43	142932	83.814	ug/l	92
17) Carbon Disulfide	4.712	76	248226	17.713	ug/l	97
18) Methyl Acetate	5.018	43	97508	18.546	ug/l #	86
19) Methyl tert-butyl Ether	5.795	73	292033	19.109	ug/l	96
20) Methylene Chloride	5.271	84	100829	18.050	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	100067	18.378	ug/l	88
22) Diisopropyl ether	6.671	45	280686	19.742	ug/l #	91
23) Vinyl Acetate	6.600	43	1084043	95.788	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	181013	19.008	ug/l	95
25) 2-Butanone	7.483	43	248443	84.937	ug/l #	83
26) 2,2-Dichloropropane	7.489	77	159349	19.293	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	116073	18.841	ug/l	85
28) Bromochloromethane	7.812	49	72450	18.679	ug/l #	52
29) Tetrahydrofuran	7.841	42	165647	84.064	ug/l #	76
30) Chloroform	7.965	83	194738	19.102	ug/l	99
31) Cyclohexane	8.253	56	158257	18.430	ug/l #	76
32) 1,1,1-Trichloroethane	8.171	97	172982	18.703	ug/l #	88
36) 1,1-Dichloropropene	8.371	75	139737	18.618	ug/l	96
37) Ethyl Acetate	7.559	43	111732	17.385	ug/l	98
38) Carbon Tetrachloride	8.365	117	153379	18.655	ug/l	97
39) Methylcyclohexane	9.600	83	157873	18.836	ug/l	94
40) Benzene	8.606	78	422260	19.244	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.783	41	59103	17.389	ug/l	#	90
42) 1,2-Dichloroethane	8.671	62	146063	18.915	ug/l		97
43) Isopropyl Acetate	8.689	43	188563	17.700	ug/l	#	91
44) Trichloroethene	9.353	130	112784	18.275	ug/l		95
45) 1,2-Dichloropropane	9.624	63	105949	19.923	ug/l	#	84
46) Dibromomethane	9.712	93	74935	18.555	ug/l	#	87
47) Bromodichloromethane	9.888	83	152368	19.297	ug/l	#	95
48) Methyl methacrylate	9.677	41	90187	18.354	ug/l		87
49) 1,4-Dioxane	9.700	88	35723	302.522	ug/l	#	69
51) 4-Methyl-2-Pentanone	10.441	43	563876	86.743	ug/l		91
52) Toluene	10.630	92	262235	18.803	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	156852	18.397	ug/l		100
54) cis-1,3-Dichloropropene	10.312	75	170071	18.604	ug/l		92
55) 1,1,2-Trichloroethane	11.018	97	101359	18.059	ug/l		93
56) Ethyl methacrylate	10.877	69	140070	18.287	ug/l	#	86
57) 1,3-Dichloropropane	11.165	76	174196	18.932	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.159	63	361651	102.403	ug/l	#	87
59) 2-Hexanone	11.194	43	411929	85.709	ug/l		93
60) Dibromochloromethane	11.359	129	109701	17.772	ug/l		100
61) 1,2-Dibromoethane	11.471	107	105697	18.471	ug/l		100
64) Tetrachloroethene	11.100	164	115692	19.630	ug/l		84
65) Chlorobenzene	11.894	112	275712	18.915	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.965	131	104523	19.348	ug/l		98
67) Ethyl Benzene	11.965	91	493377	19.486	ug/l		100
68) m/p-Xylenes	12.071	106	381378	40.179	ug/l		93
69) o-Xylene	12.400	106	179102	19.220	ug/l		93
70) Styrene	12.412	104	283375	18.855	ug/l		96
71) Bromoform	12.576	173	72471	17.852	ug/l	#	100
73) Isopropylbenzene	12.694	105	468776	18.913	ug/l		98
74) N-amyl acetate	12.494	43	158107	17.627	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.935	83	125956	17.284	ug/l		97
76) 1,2,3-Trichloropropane	12.994	75	117237m	16.856	ug/l		
77) Bromobenzene	12.982	156	110802	18.097	ug/l		69
78) n-propylbenzene	13.035	91	554441	18.942	ug/l		94
79) 2-Chlorotoluene	13.124	91	329626	18.816	ug/l		93
80) 1,3,5-Trimethylbenzene	13.171	105	396374	19.362	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.735	75	44256	17.195	ug/l		93
82) 4-Chlorotoluene	13.224	91	318692	18.452	ug/l		91
83) tert-Butylbenzene	13.441	119	330359	18.714	ug/l		92
84) 1,2,4-Trimethylbenzene	13.482	105	393898	19.144	ug/l		94
85) sec-Butylbenzene	13.618	105	477089	18.905	ug/l		94
86) p-Isopropyltoluene	13.729	119	400571	19.418	ug/l		96
87) 1,3-Dichlorobenzene	13.735	146	212744	18.912	ug/l		94
88) 1,4-Dichlorobenzene	13.812	146	211235	18.135	ug/l		96
89) n-Butylbenzene	14.059	91	337073	18.427	ug/l		96
90) Hexachloroethane	14.335	117	69506	17.791	ug/l		92
91) 1,2-Dichlorobenzene	14.106	146	205640	18.993	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26436	17.046	ug/l		73
93) 1,2,4-Trichlorobenzene	15.394	180	114257	18.251	ug/l		97
94) Hexachlorobutadiene	15.506	225	50513	18.390	ug/l		95
95) Naphthalene	15.641	128	366924	18.088	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	115005	18.263	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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