Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
Data File : VN083569.D
Acq On : 30 Aug 2024 10:53
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 31 00:35:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:23:16 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	181699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	324352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount 50.000	Range 74 - 125		Recovery =	0.000%#		
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#		
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount 50.000	Range 86 - 113		Recovery =	0.000%#		
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.118	85	1602	0.833	ug/l	84
3) Chloromethane	2.360	50	2376	1.061	ug/l	94
4) Vinyl Chloride	2.512	62	2004	0.894	ug/l	93
6) Chloroethane	3.077	64	1197	0.817	ug/l #	75
7) Trichlorofluoromethane	3.465	101	3284	0.890	ug/l	84
8) Diethyl Ether	3.959	74	1159	0.878	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	1501	0.750	ug/l #	64
12) 1,1-Dichloroethene	4.330	96	1912	0.961	ug/l #	76
14) Allyl chloride	5.000	41	3271	0.922	ug/l	88
15) Acrylonitrile	5.724	53	4336	4.441	ug/l #	80
16) Acetone	4.436	43	4325	4.271	ug/l #	81
17) Carbon Disulfide	4.695	76	6779	1.169	ug/l	96
18) Methyl Acetate	5.018	43	3145m	1.167	ug/l	
19) Methyl tert-butyl Ether	5.800	73	6298	0.892	ug/l #	87
20) Methylene Chloride	5.265	84	2345	1.049	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	2033	0.980	ug/l	100
22) Diisopropyl ether	6.671	45	6141	0.878	ug/l #	86
23) Vinyl Acetate	6.600	43	21247	4.097	ug/l	98
24) 1,1-Dichloroethane	6.571	63	3658	0.917	ug/l #	82
25) 2-Butanone	7.483	43	5777	4.190	ug/l	97
26) 2,2-Dichloropropane	7.489	77	3110	0.837	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	2098	0.848	ug/l	80
28) Bromochloromethane	7.818	49	2136	1.146	ug/l #	97
29) Tetrahydrofuran	7.841	42	3802	4.446	ug/l	92
30) Chloroform	7.965	83	3812	0.907	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	3064	0.806	ug/l #	46
36) 1,1-Dichloropropene	8.365	75	2505	0.841	ug/l	95
37) Ethyl Acetate	7.559	43	2990	1.009	ug/l #	78
38) Carbon Tetrachloride	8.365	117	2819	0.830	ug/l	96
39) Methylcyclohexane	9.594	83	2850	0.798	ug/l	96
40) Benzene	8.606	78	8136	0.888	ug/l	97
41) Methacrylonitrile	7.777	41	1657	0.980	ug/l #	82
42) 1,2-Dichloroethane	8.665	62	3256	0.959	ug/l #	77
43) Isopropyl Acetate	8.683	43	12699m	0.987	ug/l	
44) Trichloroethene	9.347	130	2161	0.981	ug/l	95
45) 1,2-Dichloropropane	9.624	63	1699	0.796	ug/l	89

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:23:16 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/03/2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	9.712	93	1442	0.916	ug/l		99
47) Bromodichloromethane	9.883	83	2943	0.878	ug/l	#	80
48) Methyl methacrylate	9.683	41	2177	0.896	ug/l		92
49) 1,4-Dioxane	9.694	88	683	17.148	ug/l	#	85
51) 4-Methyl-2-Pentanone	10.447	43	11982	4.349	ug/l		93
52) Toluene	10.635	92	5009	0.874	ug/l		99
53) t-1,3-Dichloropropene	10.841	75	2899	0.836	ug/l	#	86
54) cis-1,3-Dichloropropene	10.306	75	2991	0.821	ug/l	#	80
55) 1,1,2-Trichloroethane	11.012	97	1763	0.862	ug/l		92
56) Ethyl methacrylate	10.877	69	2603	0.770	ug/l	#	77
57) 1,3-Dichloropropane	11.165	76	3330	0.920	ug/l		96
58) 2-Chloroethyl Vinyl ether	10.159	63	5474	3.724	ug/l		99
59) 2-Hexanone	11.194	43	8805	4.258	ug/l		99
60) Dibromochloromethane	11.359	129	1884	0.795	ug/l		99
61) 1,2-Dibromoethane	11.471	107	1826	0.874	ug/l		94
64) Tetrachloroethene	11.100	164	1569	0.896	ug/l		94
65) Chlorobenzene	11.888	112	6150	1.029	ug/l		89
66) 1,1,1,2-Tetrachloroethane	11.947	131	1685	0.835	ug/l	#	67
67) Ethyl Benzene	11.965	91	9651	0.905	ug/l		99
68) m/p-Xylenes	12.071	106	7381	1.836	ug/l		92
69) o-Xylene	12.400	106	3458	0.890	ug/l		100
70) Styrene	12.412	104	6252	0.957	ug/l		95
71) Bromoform	12.576	173	1224	0.852	ug/l	#	88
73) Isopropylbenzene	12.694	105	8510	0.910	ug/l		98
74) N-amyl acetate	12.494	43	3807	0.938	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.935	83	2618	0.986	ug/l		91
76) 1,2,3-Trichloropropane	12.988	75	2341m	0.957	ug/l		
77) Bromobenzene	12.982	156	2247	1.024	ug/l		95
78) n-propylbenzene	13.035	91	10374	0.960	ug/l		97
79) 2-Chlorotoluene	13.124	91	7158	1.022	ug/l		94
80) 1,3,5-Trimethylbenzene	13.171	105	7271	0.923	ug/l		97
82) 4-Chlorotoluene	13.223	91	7736	1.087	ug/l		99
83) tert-Butylbenzene	13.441	119	6487	0.926	ug/l		94
84) 1,2,4-Trimethylbenzene	13.476	105	7382	0.931	ug/l		98
85) sec-Butylbenzene	13.612	105	8469	0.910	ug/l		96
86) p-Isopropyltoluene	13.729	119	7243	0.932	ug/l		98
87) 1,3-Dichlorobenzene	13.729	146	4881	1.146	ug/l		97
88) 1,4-Dichlorobenzene	13.806	146	5334m	1.219	ug/l		
89) n-Butylbenzene	14.059	91	6550	0.958	ug/l		89
90) Hexachloroethane	14.335	117	1306	0.863	ug/l		93
91) 1,2-Dichlorobenzene	14.106	146	4243	1.035	ug/l		93
92) 1,2-Dibromo-3-Chloropr...	14.712	75	566	0.983	ug/l		84
93) 1,2,4-Trichlorobenzene	15.394	180	2784	1.197	ug/l		95
94) Hexachlorobutadiene	15.500	225	943	1.012	ug/l		97
95) Naphthalene	15.641	128	8445	1.130	ug/l		98
96) 1,2,3-Trichlorobenzene	15.841	180	2879	1.239	ug/l		98

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

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