Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
Data File : VX029879.D
Acq On : 29 Jun 2022 23:24
Operator : JC/MD
Sample : VX0629WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Jun 30 00:02:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD02

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	222348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	401474	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137501	48.854	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.700%			
35) Dibromofluoromethane	5.391	113	121387	48.381	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.760%			
50) Toluene-d8	8.653	98	471068	50.047	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.100%			
62) 4-Bromofluorobenzene	11.079	95	168311	50.587	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	44374	20.465	ug/l	100
3) Chloromethane	1.288	50	51300	20.534	ug/l	97
4) Vinyl Chloride	1.373	62	54004	21.734	ug/l	100
5) Bromomethane	1.611	94	26456	19.325	ug/l	100
6) Chloroethane	1.684	64	30660	18.908	ug/l	95
7) Trichlorofluoromethane	1.886	101	64842	20.329	ug/l	96
8) Diethyl Ether	2.136	74	28193	19.719	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	43157	19.354	ug/l	99
10) Methyl Iodide	2.453	142	58651	20.350	ug/l	99
11) Tert butyl alcohol	2.989	59	77128	104.783	ug/l	98
12) 1,1-Dichloroethene	2.318	96	46685	20.388	ug/l	98
13) Acrolein	2.239	56	37992	107.184	ug/l	100
14) Allyl chloride	2.666	41	83598	19.782	ug/l	98
15) Acrylonitrile	3.068	53	174820	101.734	ug/l	97
16) Acetone	2.385	43	136786	99.339	ug/l	100
17) Carbon Disulfide	2.514	76	109276	19.192	ug/l	95
18) Methyl Acetate	2.709	43	84722	19.958	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	156663	20.264	ug/l	97
20) Methylene Chloride	2.788	84	55452	19.069	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	50252	20.008	ug/l	97
22) Diisopropyl ether	3.763	45	170705	19.989	ug/l	98
23) Vinyl Acetate	3.727	43	742839	100.574	ug/l	100
24) 1,1-Dichloroethane	3.611	63	90745	20.149	ug/l	99
25) 2-Butanone	4.562	43	233936	97.884	ug/l	98
26) 2,2-Dichloropropane	4.477	77	49167	16.633	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	60341	20.349	ug/l	97
28) Bromochloromethane	4.903	49	36438	20.186	ug/l	97
29) Tetrahydrofuran	5.013	42	156899	99.758	ug/l	99
30) Chloroform	5.098	83	88116	19.952	ug/l	98
31) Cyclohexane	5.470	56	78734	20.063	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	71430	20.311	ug/l	99
36) 1,1-Dichloropropene	5.696	75	63848	19.133	ug/l	97
37) Ethyl Acetate	4.720	43	87328	19.134	ug/l	99
38) Carbon Tetrachloride	5.684	117	57113	19.752	ug/l	97
39) Methylcyclohexane	7.385	83	74735	18.523	ug/l	98
40) Benzene	6.043	78	215127	19.937	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	47970	19.772	ug/l		99
42) 1,2-Dichloroethane	6.092	62	66622	20.117	ug/l		99
43) Isopropyl Acetate	6.348	43	133117	19.369	ug/l		99
44) Trichloroethene	7.129	130	56006	19.273	ug/l		98
45) 1,2-Dichloropropane	7.433	63	55818	19.582	ug/l		97
46) Dibromomethane	7.586	93	37625	20.178	ug/l		99
47) Bromodichloromethane	7.824	83	65044	19.460	ug/l		97
48) Methyl methacrylate	7.696	41	64390	19.760	ug/l		99
49) 1,4-Dioxane	7.689	88	30652	397.249	ug/l		99
51) 4-Methyl-2-Pentanone	8.573	43	444712	98.130	ug/l		99
52) Toluene	8.720	92	131526	20.200	ug/l		100
53) t-1,3-Dichloropropene	8.982	75	67462	18.941	ug/l		98
54) cis-1,3-Dichloropropene	8.372	75	76613	19.035	ug/l		99
55) 1,1,2-Trichloroethane	9.153	97	54538	19.225	ug/l		97
56) Ethyl methacrylate	9.116	69	88998	19.899	ug/l		99
57) 1,3-Dichloropropane	9.311	76	88813	19.460	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	200830	94.101	ug/l		100
59) 2-Hexanone	9.433	43	345943	98.364	ug/l		100
60) Dibromochloromethane	9.524	129	49125	19.600	ug/l		100
61) 1,2-Dibromoethane	9.610	107	56423	19.464	ug/l		98
64) Tetrachloroethene	9.274	164	45024	21.179	ug/l		97
65) Chlorobenzene	10.079	112	140398	19.844	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	46668	19.742	ug/l		99
67) Ethyl Benzene	10.195	91	245425	19.944	ug/l		99
68) m/p-Xylenes	10.305	106	193480	40.994	ug/l		98
69) o-Xylene	10.646	106	94322	19.731	ug/l		99
70) Styrene	10.658	104	156319	19.782	ug/l		99
71) Bromoform	10.805	173	31478	18.668	ug/l	#	95
73) Isopropylbenzene	10.963	105	240595	20.058	ug/l		100
74) N-amyl acetate	10.847	43	115818	19.502	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	91594	19.397	ug/l		98
76) 1,2,3-Trichloropropane	11.244	75	77165m	19.446	ug/l		
77) Bromobenzene	11.201	156	57443	19.911	ug/l		99
78) n-propylbenzene	11.305	91	275654	19.486	ug/l		100
79) 2-Chlorotoluene	11.366	91	165664	19.697	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	193606	19.443	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	21859	17.494	ug/l		94
82) 4-Chlorotoluene	11.457	91	184734	19.279	ug/l		98
83) tert-Butylbenzene	11.719	119	187916	19.042	ug/l		98
84) 1,2,4-Trimethylbenzene	11.756	105	198000	19.850	ug/l		98
85) sec-Butylbenzene	11.890	105	237281	19.081	ug/l		100
86) p-Isopropyltoluene	12.012	119	186449	18.785	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	105277	19.006	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	109348	19.347	ug/l		98
89) n-Butylbenzene	12.335	91	165326	17.720	ug/l		100
90) Hexachloroethane	12.542	117	29318	18.108	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	107239	19.707	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18094	18.337	ug/l		98
93) 1,2,4-Trichlorobenzene	13.591	180	62905	19.075	ug/l		97
94) Hexachlorobutadiene	13.725	225	21170	17.354	ug/l		97
95) Naphthalene	13.780	128	262521	19.608	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	63091	18.688	ug/l		100

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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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