Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
Data File : VX032479.D
Acq On : 31 Oct 2022 11:50
Operator : JC/MD
Sample : VX1031WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 01 05:07:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	124366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88091	50.978	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.960%			
35) Dibromofluoromethane	5.391	113	70430	51.888	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.780%			
50) Toluene-d8	8.647	98	237076	50.230	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.460%			
62) 4-Bromofluorobenzene	11.079	95	94103	51.041	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	28949	20.182	ug/l	96
3) Chloromethane	1.294	50	23260	19.175	ug/l	95
4) Vinyl Chloride	1.374	62	25791	19.319	ug/l	95
5) Bromomethane	1.611	94	23121	21.672	ug/l	96
6) Chloroethane	1.685	64	17061	19.049	ug/l	100
7) Trichlorofluoromethane	1.886	101	48193	19.052	ug/l	98
8) Diethyl Ether	2.130	74	15975	19.488	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	26446	19.808	ug/l	99
10) Methyl Iodide	2.453	142	29606	21.089	ug/l	98
11) Tert butyl alcohol	2.977	59	23285	92.579	ug/l	99
12) 1,1-Dichloroethene	2.319	96	23320	18.698	ug/l	91
13) Acrolein	2.239	56	30802	122.674	ug/l	99
14) Allyl chloride	2.666	41	38235	19.231	ug/l	98
15) Acrylonitrile	3.062	53	63552	93.104	ug/l	98
16) Acetone	2.386	43	60608	96.500	ug/l	97
17) Carbon Disulfide	2.514	76	56103	18.885	ug/l	99
18) Methyl Acetate	2.703	43	39327	19.255	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	87337	19.924	ug/l	99
20) Methylene Chloride	2.788	84	27746	19.268	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	25290	18.628	ug/l	95
22) Diisopropyl ether	3.757	45	82057	19.081	ug/l #	87
23) Vinyl Acetate	3.721	43	334790	96.360	ug/l	99
24) 1,1-Dichloroethane	3.611	63	47233	19.095	ug/l	99
25) 2-Butanone	4.562	43	87513	89.937	ug/l	100
26) 2,2-Dichloropropane	4.477	77	39839	20.261	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	30629	19.518	ug/l	99
28) Bromochloromethane	4.897	49	16883	19.162	ug/l	96
29) Tetrahydrofuran	5.007	42	55324	89.164	ug/l	99
30) Chloroform	5.093	83	53117	19.570	ug/l	99
31) Cyclohexane	5.464	56	40171	19.173	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	47487	19.496	ug/l	99
36) 1,1-Dichloropropene	5.696	75	36941	19.544	ug/l	99
37) Ethyl Acetate	4.715	43	36152	18.375	ug/l	98
38) Carbon Tetrachloride	5.672	117	41863	19.968	ug/l	95
39) Methylcyclohexane	7.379	83	44898	20.076	ug/l	97
40) Benzene	6.037	78	104764	19.586	ug/l	98

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41) Methacrylonitrile	4.916	41	19917	19.871	ug/l		99
42) 1,2-Dichloroethane	6.086	62	44600	20.398	ug/l		100
43) Isopropyl Acetate	6.342	43	59365	19.651	ug/l		100
44) Trichloroethene	7.129	130	29151	19.360	ug/l		99
45) 1,2-Dichloropropane	7.427	63	27376	19.938	ug/l		97
46) Dibromomethane	7.580	93	20972	19.916	ug/l		98
47) Bromodichloromethane	7.824	83	40861	20.474	ug/l		99
48) Methyl methacrylate	7.696	41	30229	19.375	ug/l		98
49) 1,4-Dioxane	7.684	88	11004	370.089	ug/l		98
51) 4-Methyl-2-Pentanone	8.574	43	182221	95.764	ug/l		100
52) Toluene	8.720	92	67792	19.426	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	41869	20.561	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	44979	20.652	ug/l		94
55) 1,1,2-Trichloroethane	9.153	97	29112	19.808	ug/l		98
56) Ethyl methacrylate	9.116	69	42117	19.914	ug/l		99
57) 1,3-Dichloropropane	9.311	76	46866	19.746	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	105696	103.787	ug/l		99
59) 2-Hexanone	9.433	43	135574	96.022	ug/l		99
60) Dibromochloromethane	9.519	129	32511	20.253	ug/l		100
61) 1,2-Dibromoethane	9.610	107	31146	20.001	ug/l		99
64) Tetrachloroethene	9.275	164	26242	20.861	ug/l		98
65) Chlorobenzene	10.079	112	76044	19.752	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	29519	20.373	ug/l		100
67) Ethyl Benzene	10.195	91	137596	19.987	ug/l		99
68) m/p-Xylenes	10.299	106	105140	39.330	ug/l		100
69) o-Xylene	10.640	106	51642	19.869	ug/l		100
70) Styrene	10.659	104	85991	19.907	ug/l		99
71) Bromoform	10.799	173	23317	20.354	ug/l	#	98
73) Isopropylbenzene	10.963	105	139211	19.469	ug/l		100
74) N-amyl acetate	10.842	43	53055	19.638	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.213	83	43968	19.157	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	39828m	19.840	ug/l		
77) Bromobenzene	11.201	156	34329	19.583	ug/l		100
78) n-propylbenzene	11.305	91	158695	19.263	ug/l		99
79) 2-Chlorotoluene	11.366	91	96128	19.484	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	120826	19.771	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	12212	19.357	ug/l		96
82) 4-Chlorotoluene	11.457	91	111175	19.257	ug/l		100
83) tert-Butylbenzene	11.713	119	119615	19.605	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	120724	19.862	ug/l		99
85) sec-Butylbenzene	11.890	105	146623	19.972	ug/l		100
86) p-Isopropyltoluene	12.012	119	123789	19.872	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	64308	19.448	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	65498	19.093	ug/l		99
89) n-Butylbenzene	12.335	91	105605	19.486	ug/l		100
90) Hexachloroethane	12.536	117	20466	20.114	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	63574	19.498	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9841	19.556	ug/l		95
93) 1,2,4-Trichlorobenzene	13.591	180	41140	19.351	ug/l		98
94) Hexachlorobutadiene	13.725	225	17074	19.230	ug/l		98
95) Naphthalene	13.774	128	134752	19.022	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	40921	18.935	ug/l		99

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

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