Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103124\
Data File : VX043651.D
Acq On : 31 Oct 2024 15:47
Operator : JC/MD
Sample : VX1031WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 01 00:54:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS02

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	141374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	256503	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	233497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	109003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	108565	48.160	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.320%			
35) Dibromofluoromethane	5.373	113	89706	51.575	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.140%			
50) Toluene-d8	8.647	98	300303	49.876	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.760%			
62) 4-Bromofluorobenzene	11.079	95	113236	50.754	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	25736	17.022	ug/l	95
3) Chloromethane	1.295	50	35034	18.127	ug/l	99
4) Vinyl Chloride	1.374	62	33573	18.717	ug/l	97
5) Bromomethane	1.593	94	14958	20.456	ug/l	97
6) Chloroethane	1.666	64	16097	25.473	ug/l	98
7) Trichlorofluoromethane	1.874	101	44301	20.217	ug/l	97
8) Diethyl Ether	2.130	74	21972	21.702	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	28805	19.438	ug/l	96
10) Methyl Iodide	2.441	142	47044	21.973	ug/l	99
11) Tert butyl alcohol	2.977	59	34994m	83.170	ug/l	
12) 1,1-Dichloroethene	2.307	96	28749	18.984	ug/l	93
13) Acrolein	2.233	56	29054	88.298	ug/l	99
14) Allyl chloride	2.654	41	48236	18.416	ug/l	97
15) Acrylonitrile	3.062	53	105538	111.097	ug/l	98
16) Acetone	2.380	43	84104	93.953	ug/l	98
17) Carbon Disulfide	2.502	76	50759	16.029	ug/l	98
18) Methyl Acetate	2.703	43	54928	20.995	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	121700	21.131	ug/l	97
20) Methylene Chloride	2.782	84	39227	20.333	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	31651	19.783	ug/l	88
22) Diisopropyl ether	3.757	45	114361	21.123	ug/l	97
23) Vinyl Acetate	3.715	43	464082	103.755	ug/l	98
24) 1,1-Dichloroethane	3.605	63	62843	20.195	ug/l	98
25) 2-Butanone	4.556	43	136980	104.901	ug/l	97
26) 2,2-Dichloropropane	4.465	77	39235	15.403	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	43098	21.088	ug/l	93
28) Bromochloromethane	4.885	49	29438	19.886	ug/l	94
29) Tetrahydrofuran	5.001	42	90710	106.895	ug/l	97
30) Chloroform	5.087	83	66674	20.440	ug/l	98
31) Cyclohexane	5.458	56	43137	18.124	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	51842	18.930	ug/l	99
36) 1,1-Dichloropropene	5.684	75	37050	17.964	ug/l	96
37) Ethyl Acetate	4.709	43	53365	21.313	ug/l	97
38) Carbon Tetrachloride	5.666	117	40862	17.931	ug/l	94
39) Methylcyclohexane	7.373	83	47346	18.490	ug/l	98
40) Benzene	6.031	78	139110	20.218	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	28894	21.984	ug/l		96
42) 1,2-Dichloroethane	6.080	62	50725	20.507	ug/l		97
43) Isopropyl Acetate	6.336	43	87248	21.070	ug/l		98
44) Trichloroethene	7.117	130	34144	19.975	ug/l		94
45) 1,2-Dichloropropane	7.428	63	35862	21.168	ug/l		97
46) Dibromomethane	7.580	93	27930	21.411	ug/l		96
47) Bromodichloromethane	7.818	83	47043	20.557	ug/l		96
48) Methyl methacrylate	7.690	41	40655	20.708	ug/l		94
49) 1,4-Dioxane	7.665	88	11461	284.147	ug/l		94
51) 4-Methyl-2-Pentanone	8.574	43	280410	111.105	ug/l		98
52) Toluene	8.714	92	86537	20.739	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	49074	19.966	ug/l		97
54) cis-1,3-Dichloropropene	8.360	75	54167	20.684	ug/l		95
55) 1,1,2-Trichloroethane	9.147	97	40284	23.193	ug/l		99
56) Ethyl methacrylate	9.116	69	60829	21.553	ug/l		93
57) 1,3-Dichloropropane	9.305	76	63971	22.145	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	137828	100.836	ug/l		97
59) 2-Hexanone	9.427	43	204097	106.475	ug/l		97
60) Dibromochloromethane	9.519	129	36828	21.413	ug/l		100
61) 1,2-Dibromoethane	9.604	107	40492	22.458	ug/l		97
64) Tetrachloroethene	9.269	164	30561	20.810	ug/l		97
65) Chlorobenzene	10.079	112	100304	19.967	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	34233	20.863	ug/l		97
67) Ethyl Benzene	10.189	91	153334	18.719	ug/l		100
68) m/p-Xylenes	10.299	106	122968	39.255	ug/l		95
69) o-Xylene	10.640	106	63074	20.040	ug/l		96
70) Styrene	10.653	104	107998	20.645	ug/l		99
71) Bromoform	10.799	173	22851	19.369	ug/l	#	99
73) Isopropylbenzene	10.964	105	148054	19.174	ug/l		97
74) N-amyl acetate	10.842	43	76378	20.306	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.213	83	59488	21.425	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	48098m	20.637	ug/l		
77) Bromobenzene	11.195	156	42942	21.538	ug/l		95
78) n-propylbenzene	11.305	91	163185	19.383	ug/l		99
79) 2-Chlorotoluene	11.360	91	109207	19.562	ug/l		96
80) 1,3,5-Trimethylbenzene	11.451	105	126457	19.642	ug/l		97
81) trans-1,4-Dichloro-2-b...	11.018	75	14706	17.359	ug/l		98
82) 4-Chlorotoluene	11.451	91	123867	19.769	ug/l		96
83) tert-Butylbenzene	11.713	119	126099	19.259	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	132891	20.254	ug/l		98
85) sec-Butylbenzene	11.890	105	149610	19.494	ug/l		99
86) p-Isopropyltoluene	12.006	119	126933	19.458	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	72950	20.414	ug/l		98
88) 1,4-Dichlorobenzene	12.043	146	73475	19.843	ug/l		99
89) n-Butylbenzene	12.329	91	101987	19.186	ug/l		99
90) Hexachloroethane	12.536	117	19316	18.229	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	75754	20.731	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10441	18.446	ug/l		89
93) 1,2,4-Trichlorobenzene	13.585	180	44940	20.261	ug/l		98
94) Hexachlorobutadiene	13.725	225	15452	18.895	ug/l		99
95) Naphthalene	13.774	128	178511	21.031	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	48213	20.616	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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