Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
Data File : VX037233.D
Acq On : 24 Aug 2023 23:10
Operator : JC/MD
Sample : VX0824WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD02

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023

Quant Time: Aug 25 01:33:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	141184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248442	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	105596	51.879	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.760%			
35) Dibromofluoromethane	5.385	113	86821	52.767	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.540%			
50) Toluene-d8	8.647	98	310472	52.019	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.040%			
62) 4-Bromofluorobenzene	11.079	95	123339	52.586	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	32779	19.987	ug/l	98
3) Chloromethane	1.300	50	30190	21.042	ug/l	97
4) Vinyl Chloride	1.374	62	30567	19.572	ug/l	97
5) Bromomethane	1.599	94	18867	24.253	ug/l	99
6) Chloroethane	1.685	64	20388	22.184	ug/l	97
7) Trichlorofluoromethane	1.886	101	51634	20.183	ug/l	99
8) Diethyl Ether	2.130	74	19792	19.997	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	28743	19.259	ug/l	98
10) Methyl Iodide	2.453	142	33052	18.222	ug/l	95
11) Tert butyl alcohol	2.959	59	45523	95.344	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	27206	18.720	ug/l	83
13) Acrolein	2.233	56	22928	63.123	ug/l	99
14) Allyl chloride	2.666	41	42105	18.717	ug/l #	94
15) Acrylonitrile	3.062	53	83685	98.198	ug/l	98
16) Acetone	2.380	43	71432	89.708	ug/l	90
17) Carbon Disulfide	2.514	76	59422	16.074	ug/l	99
18) Methyl Acetate	2.703	43	55878	18.638	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	108477	19.680	ug/l	97
20) Methylene Chloride	2.788	84	33678	18.913	ug/l #	88
21) trans-1,2-Dichloroethene	3.087	96	30379	18.388	ug/l	87
22) Diisopropyl ether	3.763	45	91142	19.744	ug/l #	82
23) Vinyl Acetate	3.721	43	338813	95.781	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	56317	19.455	ug/l	98
25) 2-Butanone	4.556	43	112411	93.758	ug/l #	89
26) 2,2-Dichloropropane	4.477	77	40787	15.777	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	37763	19.389	ug/l	88
28) Bromochloromethane	4.897	49	26763	20.696	ug/l #	77
29) Tetrahydrofuran	5.007	42	72591	94.939	ug/l #	85
30) Chloroform	5.092	83	64512	19.853	ug/l	100
31) Cyclohexane	5.470	56	43974	19.214	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	57313	19.682	ug/l	97
36) 1,1-Dichloropropene	5.696	75	42456	18.162	ug/l	97
37) Ethyl Acetate	4.715	43	43817	18.350	ug/l #	94
38) Carbon Tetrachloride	5.678	117	48011	18.907	ug/l	98
39) Methylcyclohexane	7.379	83	49123	20.001	ug/l	92
40) Benzene	6.037	78	128229	19.126	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	23054	18.572	ug/l	#	88
42) 1,2-Dichloroethane	6.086	62	50536	19.222	ug/l		97
43) Isopropyl Acetate	6.336	43	71244	18.793	ug/l	#	92
44) Trichloroethene	7.123	130	34075	17.924	ug/l		97
45) 1,2-Dichloropropane	7.427	63	32377	19.586	ug/l		100
46) Dibromomethane	7.580	93	24662	18.938	ug/l		94
47) Bromodichloromethane	7.824	83	48435	19.418	ug/l		97
48) Methyl methacrylate	7.696	41	34831	18.839	ug/l	#	87
49) 1,4-Dioxane	7.659	88	20602	413.759	ug/l	#	88
51) 4-Methyl-2-Pentanone	8.574	43	223332	97.014	ug/l		92
52) Toluene	8.720	92	84903	19.167	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	48109	18.114	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	51767	18.037	ug/l	#	87
55) 1,1,2-Trichloroethane	9.153	97	36194	20.066	ug/l		98
56) Ethyl methacrylate	9.116	69	54735	19.373	ug/l		87
57) 1,3-Dichloropropane	9.311	76	59558	19.587	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	136934	100.995	ug/l		92
59) 2-Hexanone	9.427	43	174159	99.221	ug/l		90
60) Dibromochloromethane	9.519	129	37382	19.465	ug/l		100
61) 1,2-Dibromoethane	9.610	107	38348	19.418	ug/l		99
64) Tetrachloroethene	9.275	164	27145	16.220	ug/l		97
65) Chlorobenzene	10.079	112	92467	19.071	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	34927	19.518	ug/l		99
67) Ethyl Benzene	10.195	91	162983	19.103	ug/l		99
68) m/p-Xylenes	10.299	106	128881	39.117	ug/l		98
69) o-Xylene	10.640	106	64417	19.817	ug/l		98
70) Styrene	10.652	104	104457	19.508	ug/l		98
71) Bromoform	10.799	173	25858	19.318	ug/l	#	99
73) Isopropylbenzene	10.963	105	168643	19.966	ug/l		99
74) N-amyl acetate	10.841	43	63464	19.337	ug/l		91
75) 1,1,2,2-Tetrachloroethane	11.213	83	57910	20.358	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	46812m	18.915	ug/l		
77) Bromobenzene	11.195	156	40098	19.438	ug/l		93
78) n-propylbenzene	11.305	91	186150	19.792	ug/l		99
79) 2-Chlorotoluene	11.366	91	118136	19.655	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	143089	20.308	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	14571	16.444	ug/l		92
82) 4-Chlorotoluene	11.451	91	134315	19.359	ug/l		99
83) tert-Butylbenzene	11.713	119	144087	21.443	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	143596	20.165	ug/l		98
85) sec-Butylbenzene	11.890	105	174170	22.190	ug/l		99
86) p-Isopropyltoluene	12.006	119	146641	21.703	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	75597	19.574	ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	75838	19.006	ug/l		100
89) n-Butylbenzene	12.329	91	118384	21.133	ug/l		99
90) Hexachloroethane	12.536	117	25464	22.579	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	77339	20.450	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13065	19.767	ug/l		87
93) 1,2,4-Trichlorobenzene	13.585	180	45216	20.433	ug/l		97
94) Hexachlorobutadiene	13.725	225	19650	22.986	ug/l		98
95) Naphthalene	13.774	128	165145	17.037	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	46280	21.051	ug/l		100

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

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