Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
Data File : VX037099.D
Acq On : 19 Aug 2023 00:21
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 21 01:35:26 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

Instrument :
MSVOA_X
ClientSampleId :

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt

08/21/2023
Supervised By :Mahesh Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	158569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	271714	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99466	43.510	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 87.020%			
35) Dibromofluoromethane	5.379	113	80922	44.969	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.940%			
50) Toluene-d8	8.647	98	294395	45.101	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.200%#			
62) 4-Bromofluorobenzene	11.079	95	116912	45.576	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	104682	56.832	ug/l	98
3) Chloromethane	1.295	50	83283	51.682	ug/l	97
4) Vinyl Chloride	1.374	62	92749	52.877	ug/l	98
5) Bromomethane	1.599	94	44684	51.142	ug/l	97
6) Chloroethane	1.679	64	58473	56.649	ug/l	96
7) Trichlorofluoromethane	1.886	101	163334	56.846	ug/l	100
8) Diethyl Ether	2.136	74	56277	50.625	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	89463	53.372	ug/l	97
10) Methyl Iodide	2.453	142	112519	55.231	ug/l	96
11) Tert butyl alcohol	2.959	59	120141	224.037	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	84617	51.839	ug/l	86
13) Acrolein	2.233	56	82231	201.570	ug/l	98
14) Allyl chloride	2.660	41	125039	49.491	ug/l #	92
15) Acrylonitrile	3.063	53	231386	241.745	ug/l	99
16) Acetone	2.380	43	201089	224.849	ug/l	92
17) Carbon Disulfide	2.514	76	207948	50.084	ug/l	100
18) Methyl Acetate	2.703	43	160336	47.615	ug/l #	89
19) Methyl tert-butyl Ether	3.111	73	312811	50.529	ug/l	97
20) Methylene Chloride	2.788	84	93955	46.978	ug/l #	87
21) trans-1,2-Dichloroethene	3.087	96	94184	50.758	ug/l	90
22) Diisopropyl ether	3.757	45	263262	50.779	ug/l #	89
23) Vinyl Acetate	3.721	43	1009482	254.088	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	165316	50.848	ug/l	98
25) 2-Butanone	4.550	43	314553	233.592	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	112507	38.749	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	110931	50.711	ug/l	88
28) Bromochloromethane	4.898	49	75633	52.076	ug/l #	76
29) Tetrahydrofuran	5.001	42	199635	232.469	ug/l #	83
30) Chloroform	5.093	83	184883	50.658	ug/l	100
31) Cyclohexane	5.465	56	135865	52.856	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	170522	52.139	ug/l	97
36) 1,1-Dichloropropene	5.690	75	131014	51.245	ug/l	97
37) Ethyl Acetate	4.709	43	124009	47.484	ug/l #	93
38) Carbon Tetrachloride	5.672	117	149513	53.836	ug/l	98
39) Methylcyclohexane	7.379	83	143991	53.606	ug/l	90
40) Benzene	6.038	78	379587	51.769	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	68416	50.393	ug/l	#	90
42) 1,2-Dichloroethane	6.086	62	147770	51.391	ug/l		96
43) Isopropyl Acetate	6.336	43	210708	50.820	ug/l	#	93
44) Trichloroethene	7.123	130	107166	51.544	ug/l		100
45) 1,2-Dichloropropane	7.428	63	93971	51.977	ug/l		99
46) Dibromomethane	7.580	93	72938	51.211	ug/l		94
47) Bromodichloromethane	7.818	83	144586	53.001	ug/l		99
48) Methyl methacrylate	7.690	41	102743	50.812	ug/l	#	88
49) 1,4-Dioxane	7.659	88	50957	935.739	ug/l	#	88
51) 4-Methyl-2-Pentanone	8.574	43	616973	245.055	ug/l		91
52) Toluene	8.714	92	251813	51.978	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	150748	51.899	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	157930	50.314	ug/l	#	88
55) 1,1,2-Trichloroethane	9.153	97	101655	51.531	ug/l		98
56) Ethyl methacrylate	9.116	69	159420	51.593	ug/l		88
57) 1,3-Dichloropropane	9.305	76	169945	51.103	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	376202	253.701	ug/l		92
59) 2-Hexanone	9.427	43	471311	245.516	ug/l		90
60) Dibromochloromethane	9.519	129	113890	54.225	ug/l		99
61) 1,2-Dibromoethane	9.610	107	111015	51.399	ug/l		99
64) Tetrachloroethene	9.275	164	94653	52.248	ug/l		99
65) Chlorobenzene	10.080	112	272323	51.885	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	104116	53.747	ug/l		99
67) Ethyl Benzene	10.195	91	483922	52.398	ug/l		100
68) m/p-Xylenes	10.299	106	375561	105.301	ug/l		99
69) o-Xylene	10.640	106	184378	52.398	ug/l		99
70) Styrene	10.653	104	309707	53.432	ug/l		98
71) Bromoform	10.799	173	80581	55.611	ug/l	#	100
73) Isopropylbenzene	10.964	105	477137	51.604	ug/l		98
74) N-amyl acetate	10.842	43	180447	50.226	ug/l		91
75) 1,1,2,2-Tetrachloroethane	11.213	83	150647	48.379	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	131793m	48.648	ug/l		
77) Bromobenzene	11.195	156	115440	51.121	ug/l		93
78) n-propylbenzene	11.305	91	545231	52.957	ug/l		100
79) 2-Chlorotoluene	11.360	91	339214	51.557	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	404361	52.426	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	44172	45.540	ug/l		88
82) 4-Chlorotoluene	11.451	91	391872	51.597	ug/l		98
83) tert-Butylbenzene	11.713	119	384452	52.265	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	408378	52.389	ug/l		97
85) sec-Butylbenzene	11.890	105	461899	53.760	ug/l		99
86) p-Isopropyltoluene	12.006	119	396135	53.558	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	216741	51.266	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	218115	49.935	ug/l		99
89) n-Butylbenzene	12.329	91	330220	53.851	ug/l		99
90) Hexachloroethane	12.536	117	68259	55.292	ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	209781	50.673	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35954	49.692	ug/l		85
93) 1,2,4-Trichlorobenzene	13.585	180	124171	51.261	ug/l		97
94) Hexachlorobutadiene	13.725	225	49008	52.370	ug/l		98
95) Naphthalene	13.774	128	456169	42.991	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	122621	50.951	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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