Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032922\
Data File : VD072468.D
Acq On : 29 Mar 2022 18:04
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 30 02:50:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
ICVVD032922

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/30/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.973	168	463098	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.861	114	757217	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.638	117	688727	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	342765	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.326	65	265578	47.407	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.820%				
35) Dibromofluoromethane	7.914	113	278053	47.251	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.500%				
50) Toluene-d8	10.332	98	1007997	49.278	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.560%				
62) 4-Bromofluorobenzene	12.620	95	380604	47.643	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.280%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	195480	53.187	ug/l		100
3) Chloromethane	2.209	50	196227	57.723	ug/l		99
4) Vinyl Chloride	2.350	62	204485	52.290	ug/l		97
5) Bromomethane	2.768	94	142051	54.227	ug/l		96
6) Chloroethane	2.921	64	138981	55.508	ug/l		99
7) Trichlorofluoromethane	3.273	101	442475	55.466	ug/l		98
8) Diethyl Ether	3.709	74	125616	52.987	ug/l		85
9) 1,1,2-Trichlorotrifluo...	4.097	101	279511	52.537	ug/l		96
10) Methyl Iodide	4.303	142	248113	50.029	ug/l		99
11) Tert butyl alcohol	5.220	59	71091	240.302	ug/l		95
12) 1,1-Dichloroethene	4.067	96	234664	56.417	ug/l		92
13) Acrolein	3.920	56	18854	143.613	ug/l		92
14) Allyl chloride	4.715	41	366186	50.132	ug/l		91
15) Acrylonitrile	5.420	53	306560	258.572	ug/l		98
16) Acetone	4.150	43	268173	256.723	ug/l		94
17) Carbon Disulfide	4.409	76	485626	53.625	ug/l		96
18) Methyl Acetate	4.720	43	128867	43.789	ug/l	#	88
19) Methyl tert-butyl Ether	5.473	73	635281	52.327	ug/l		99
20) Methylene Chloride	4.967	84	290883	46.775	ug/l		85
21) trans-1,2-Dichloroethene	5.473	96	263382	51.850	ug/l		92
22) Diisopropyl ether	6.361	45	885213	52.970	ug/l	#	94
23) Vinyl Acetate	6.303	43	2343374	260.439	ug/l	#	92
24) 1,1-Dichloroethane	6.261	63	531285	52.758	ug/l		100
25) 2-Butanone	7.208	43	375717	260.064	ug/l	#	89
26) 2,2-Dichloropropane	7.203	77	469392	52.478	ug/l		97
27) cis-1,2-Dichloroethene	7.203	96	335683	53.153	ug/l		91
28) Bromochloromethane	7.544	49	205340	47.589	ug/l	#	79
29) Tetrahydrofuran	7.561	42	228749	262.256	ug/l	#	87
30) Chloroform	7.708	83	583056	51.470	ug/l		100
31) Cyclohexane	7.985	56	415929	56.781	ug/l		90
32) 1,1,1-Trichloroethane	7.897	97	520408	54.164	ug/l		96
36) 1,1-Dichloropropene	8.108	75	393596	52.287	ug/l		97
37) Ethyl Acetate	7.285	43	164397	52.724	ug/l	#	92
38) Carbon Tetrachloride	8.097	117	445138	54.908	ug/l		99
39) Methylcyclohexane	9.350	83	458612	52.229	ug/l		99
40) Benzene	8.350	78	1144484	55.689	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	100231	54.837	ug/l	#	90
42) 1,2-Dichloroethane	8.420	62	332199	52.884	ug/l		96
43) Isopropyl Acetate	8.450	43	317277	53.047	ug/l	#	91
44) Trichloroethene	9.108	130	320533	54.937	ug/l		97
45) 1,2-Dichloropropane	9.385	63	310276	54.273	ug/l		96
46) Dibromomethane	9.467	93	161727	53.920	ug/l		97
47) Bromodichloromethane	9.655	83	455167	52.823	ug/l		99
48) Methyl methacrylate	9.455	41	160520	55.279	ug/l	#	88
49) 1,4-Dioxane	9.455	88	38343	1074.659	ug/l	#	90
51) 4-Methyl-2-Pentanone	10.220	43	856524	266.887	ug/l		92
52) Toluene	10.397	92	763025	55.887	ug/l		97
53) t-1,3-Dichloropropene	10.614	75	407033	54.207	ug/l		98
54) cis-1,3-Dichloropropene	10.085	75	475751	53.588	ug/l	#	89
55) 1,1,2-Trichloroethane	10.797	97	233905	51.440	ug/l		98
56) Ethyl methacrylate	10.655	69	285996	51.125	ug/l	#	84
57) 1,3-Dichloropropane	10.938	76	396938	52.803	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	558982	248.995	ug/l		93
59) 2-Hexanone	10.979	43	595065	272.665	ug/l		91
60) Dibromochloromethane	11.132	129	299115	50.995	ug/l		99
61) 1,2-Dibromoethane	11.238	107	218451	54.108	ug/l		100
64) Tetrachloroethene	10.867	164	254746	56.612	ug/l		98
65) Chlorobenzene	11.661	112	838259	54.439	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.738	131	320969	52.137	ug/l		99
67) Ethyl Benzene	11.738	91	1517529	56.481	ug/l		100
68) m/p-Xylenes	11.844	106	1147105	112.536	ug/l		99
69) o-Xylene	12.173	106	555033	56.435	ug/l		95
70) Styrene	12.185	104	964917	55.670	ug/l		97
71) Bromoform	12.349	173	169420	51.912	ug/l	#	97
73) Isopropylbenzene	12.473	105	1533022	55.380	ug/l		100
74) N-amyl acetate	12.279	43	308851	53.175	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.720	83	263530	50.260	ug/l		99
76) 1,2,3-Trichloropropane	12.773	75	168529m	45.080	ug/l		
77) Bromobenzene	12.749	156	327866	52.842	ug/l		94
78) n-propylbenzene	12.808	91	1857442	55.621	ug/l		99
79) 2-Chlorotoluene	12.896	91	1058852	54.217	ug/l		99
80) 1,3,5-Trimethylbenzene	12.949	105	1278853	53.942	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.520	75	82199	53.954	ug/l		88
82) 4-Chlorotoluene	12.996	91	1074857	52.845	ug/l		99
83) tert-Butylbenzene	13.214	119	1121728	54.653	ug/l		97
84) 1,2,4-Trimethylbenzene	13.255	105	1257184	54.228	ug/l		99
85) sec-Butylbenzene	13.391	105	1689500	54.649	ug/l		98
86) p-Isopropyltoluene	13.502	119	1376140	54.458	ug/l		99
87) 1,3-Dichlorobenzene	13.502	146	671173	52.204	ug/l		99
88) 1,4-Dichlorobenzene	13.585	146	660327	50.959	ug/l		98
89) n-Butylbenzene	13.832	91	1325628	55.068	ug/l		98
90) Hexachloroethane	14.096	117	265202	51.265	ug/l		100
91) 1,2-Dichlorobenzene	13.879	146	594124	52.394	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	39668	51.155	ug/l		91
93) 1,2,4-Trichlorobenzene	15.149	180	370684	52.737	ug/l		99
94) Hexachlorobutadiene	15.249	225	206739	52.510	ug/l		99
95) Naphthalene	15.385	128	716874	52.489	ug/l		99
96) 1,2,3-Trichlorobenzene	15.579	180	322072	52.500	ug/l		99

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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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