Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
Data File : VD074753.D
Acq On : 07 Nov 2022 11:24
Operator : VA/SY
Sample : VD1107SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 07 11:45:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD1107SBS01

Manual Integrations APPROVED
Reviewed By :Krupa Patel 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	150303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	250430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	201979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60089	50.477	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.960%			
35) Dibromofluoromethane	7.804	113	73711	49.758	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.520%			
50) Toluene-d8	10.269	98	247600	45.821	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.640%			
62) 4-Bromofluorobenzene	12.575	95	77844	49.893	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.780%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	24373	19.744	ug/l	99
3) Chloromethane	2.146	50	40379	20.498	ug/l	90
4) Vinyl Chloride	2.275	62	41331	19.132	ug/l	98
5) Bromomethane	2.669	94	33000	20.161	ug/l	98
6) Chloroethane	2.828	64	30861	20.610	ug/l	97
7) Trichlorofluoromethane	3.169	101	49356	19.666	ug/l	94
8) Diethyl Ether	3.587	74	14361	19.587	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.957	101	31574	19.805	ug/l	97
10) Methyl Iodide	4.157	142	25539	16.535	ug/l	99
11) Tert butyl alcohol	5.040	59	14043	44.682	ug/l	97
12) 1,1-Dichloroethene	3.934	96	30493	18.832	ug/l	92
13) Acrolein	3.799	56	8528	104.088	ug/l	97
14) Allyl chloride	4.563	41	33614	19.620	ug/l	98
15) Acrylonitrile	5.252	53	28861	99.616	ug/l	99
16) Acetone	4.022	43	24763	99.681	ug/l	98
17) Carbon Disulfide	4.263	76	87318	17.883	ug/l	97
18) Methyl Acetate	4.563	43	16098	21.429	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	62484	20.290	ug/l	94
20) Methylene Chloride	4.799	84	62731	23.806	ug/l	89
21) trans-1,2-Dichloroethene	5.310	96	35059	19.700	ug/l	86
22) Diisopropyl ether	6.216	45	74639	21.108	ug/l	95
23) Vinyl Acetate	6.157	43	122664	81.590	ug/l	98
24) 1,1-Dichloroethane	6.110	63	54998	20.335	ug/l	98
25) 2-Butanone	7.081	43	35411	103.672	ug/l	93
26) 2,2-Dichloropropane	7.075	77	49824	20.021	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	38755	19.741	ug/l	98
28) Bromochloromethane	7.428	49	18277	21.414	ug/l	93
29) Tetrahydrofuran	7.446	42	19599	100.050	ug/l	98
30) Chloroform	7.598	83	60068	20.790	ug/l	97
31) Cyclohexane	7.875	56	44012	18.261	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	50971	19.969	ug/l	96
36) 1,1-Dichloropropene	8.004	75	43960	19.550	ug/l	100
37) Ethyl Acetate	7.169	43	16042	21.387	ug/l	99
38) Carbon Tetrachloride	7.987	117	41031	19.260	ug/l	98
39) Methylcyclohexane	9.275	83	51531	18.836	ug/l	91
40) Benzene	8.251	78	132291	19.905	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.393	41	7764	20.245	ug/l		96
42) 1,2-Dichloroethane	8.322	62	30972	20.270	ug/l		99
43) Isopropyl Acetate	8.357	43	28341	20.306	ug/l		98
44) Trichloroethene	9.028	130	37877	20.003	ug/l		99
45) 1,2-Dichloropropane	9.304	63	28531	19.410	ug/l		99
46) Dibromomethane	9.392	93	16274	19.105	ug/l		90
47) Bromodichloromethane	9.587	83	37775	18.420	ug/l		98
48) Methyl methacrylate	9.381	41	12169	19.565	ug/l		89
49) 1,4-Dioxane	9.392	88	3284	382.287	ug/l		98
51) 4-Methyl-2-Pentanone	10.157	43	64902	95.890	ug/l		97
52) Toluene	10.334	92	76273	18.744	ug/l		99
53) t-1,3-Dichloropropene	10.551	75	35135	19.371	ug/l		96
54) cis-1,3-Dichloropropene	10.016	75	42839	18.822	ug/l		97
55) 1,1,2-Trichloroethane	10.734	97	22276	19.249	ug/l		93
56) Ethyl methacrylate	10.598	69	24447	18.895	ug/l		98
57) 1,3-Dichloropropane	10.881	76	35790	19.197	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.869	63	28662	101.295	ug/l		99
59) 2-Hexanone	10.922	43	45052	96.763	ug/l		97
60) Dibromochloromethane	11.075	129	26417	19.122	ug/l		99
61) 1,2-Dibromoethane	11.181	107	20188	18.512	ug/l		95
64) Tetrachloroethene	10.810	164	28022	19.639	ug/l		97
65) Chlorobenzene	11.610	112	80257	20.064	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.681	131	28350	20.890	ug/l		99
67) Ethyl Benzene	11.681	91	140715	19.852	ug/l		96
68) m/p-Xylenes	11.792	106	114437	40.665	ug/l		98
69) o-Xylene	12.122	106	51326	19.839	ug/l		98
70) Styrene	12.134	104	88907	20.284	ug/l		98
71) Bromoform	12.298	173	15232	20.958	ug/l	#	96
73) Isopropylbenzene	12.422	105	138380	19.379	ug/l		99
74) N-amyl acetate	12.233	43	23246	20.042	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.669	83	24909	20.759	ug/l		97
76) 1,2,3-Trichloropropane	12.722	75	16489m	21.762	ug/l		
77) Bromobenzene	12.698	156	32984	20.060	ug/l		97
78) n-propylbenzene	12.763	91	171588	20.058	ug/l		99
79) 2-Chlorotoluene	12.851	91	91650	19.897	ug/l		99
80) 1,3,5-Trimethylbenzene	12.904	105	115680	19.856	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.469	75	6415	20.098	ug/l		93
82) 4-Chlorotoluene	12.945	91	98285	20.514	ug/l		100
83) tert-Butylbenzene	13.163	119	101864	19.840	ug/l		98
84) 1,2,4-Trimethylbenzene	13.210	105	115871	20.156	ug/l		99
85) sec-Butylbenzene	13.345	105	152168	19.645	ug/l		98
86) p-Isopropyltoluene	13.457	119	128041	19.627	ug/l		100
87) 1,3-Dichlorobenzene	13.457	146	68213	20.008	ug/l		98
88) 1,4-Dichlorobenzene	13.533	146	67984	20.284	ug/l		98
89) n-Butylbenzene	13.786	91	118701	19.895	ug/l		99
90) Hexachloroethane	14.051	117	22488	20.107	ug/l		93
91) 1,2-Dichlorobenzene	13.828	146	58739	20.228	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3334	20.101	ug/l		91
93) 1,2,4-Trichlorobenzene	15.098	180	35815	19.975	ug/l		98
94) Hexachlorobutadiene	15.204	225	18306	19.517	ug/l		98
95) Naphthalene	15.333	128	66162	19.212	ug/l		100
96) 1,2,3-Trichlorobenzene	15.516	180	31640	20.055	ug/l		97

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

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